

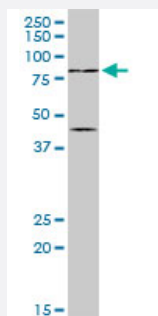
MaxPab®

# PIAS2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00009063-D01

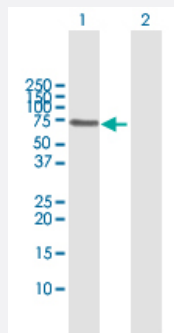
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## Applications



### Western Blot (Tissue lysate)

PIAS2 MaxPab rabbit polyclonal antibody. Western Blot analysis of PIAS2 expression in human pancreas.

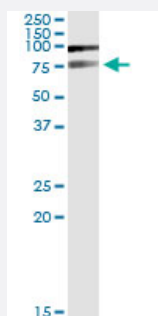


### Western Blot (Transfected lysate)

Western Blot analysis of PIAS2 expression in transfected 293T cell line ([H00009063-T02](#)) by PIAS2 MaxPab polyclonal antibody.

Lane 1: PIAS2 transfected lysate(63.40 KDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of PIAS2 transfected lysate using anti-PIAS2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PIAS2 purified MaxPab mouse polyclonal antibody (B01P) ([H00009063-B01P](#)).

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human PIAS2 protein.

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen                     | PIAS2 (NP_775298.1, 1 a.a. ~ 572 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence                      | MADFEELRNMVSSFRVSELQVLLGFAGRNKSGRKHDLLMRALHLLKSGCSPAVQIKIRELYRRRY<br>PRTLEGLSDLSTIKSSVFSLDGGSSPVEPD LAVAGIHSLPSTSVTPHSPSSPVGSVLLQDTKPTFE<br>MQQPSPPIPPVHPDVQLKNLPFYDVL DVLIKPTSLVQSSIQRFQEKFFIFALTPQQVREICSRDFLP<br>GGRRDYTVQVQLRLCLAETSCPDQEDNYPNSLCIKVNGKLFPLPGYAPPPKNGIEQKRPGRPLNITS<br>LVRLSSAVPNQISISWASEIGKNYSMSVYLVRQLTSAMLLQRLKMKGIRNPDHSRALIKEKLTADPD<br>SEIATTSRLRVSLMCPLGKMRLTIPCRAVTCTHLQCFDAALYLQMNEKKPTWICPVCDKKAAYESLIL<br>DGLFMEILNDCSDVDEIKFQEDGSWCPMRPKKEAMKVSSQPCTKIESSSVLSKPCSVTVASEAS<br>KKKVDVIDLTIESSSDEEEDPPAKRKCIFMSETQSSPTKGVL MYQPSSVRVPSVTSVDPAAI PPSL<br>TDYSVPFHHTPISSMSSDLPGEQRRNDINNELKLTSSD TVQQ |
| Host                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Interspecies Antigen Sequence | Mouse (98); Rat (97)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage Buffer                | No additive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Applications

- Western Blot (Tissue lysate)

PIAS2 MaxPab rabbit polyclonal antibody. Western Blot analysis of PIAS2 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PIAS2 expression in transfected 293T cell line ([H00009063-T02](#)) by PIAS2 MaxPab polyclonal antibody.

Lane 1: PIAS2 transfected lysate(63.40 KDa).

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[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of PIAS2 transfected lysate using anti-PIAS2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PIAS2 purified MaxPab mouse polyclonal antibody (B01P) ([H00009063-B01P](#)).

[Protocol Download](#)

## Gene Info — PIAS2

|                     |                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">9063</a>                                                                                                                                                                                                                                                                                                                  |
| GeneBank Accession# | <a href="#">NM_173206.2</a>                                                                                                                                                                                                                                                                                                           |
| Protein Accession#  | <a href="#">NP_775298.1</a>                                                                                                                                                                                                                                                                                                           |
| Gene Name           | PIAS2                                                                                                                                                                                                                                                                                                                                 |
| Gene Alias          | MGC102682, MIZ1, PIASX, PIASX-ALPHA, PIASX-BETA, SIZ2, ZMIZ4, miz                                                                                                                                                                                                                                                                     |
| Gene Description    | protein inhibitor of activated STAT, 2                                                                                                                                                                                                                                                                                                |
| Omim ID             | <a href="#">603567</a>                                                                                                                                                                                                                                                                                                                |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                             |
| Gene Summary        | This gene encodes a protein involved in the regulation of transcription factors involved in MAP kinase signaling. The symbol MIZ1 has also been associated with ZBTB17 which is a different gene located on chromosome 1. Two alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq] |
| Other Designations  | Msx-interacting-zinc finger protein inhibitor of activated STAT X zinc finger, MIZ-type containing 4                                                                                                                                                                                                                                  |

## Pathway

- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)