

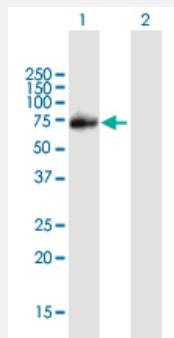
MaxPab®

PIAS1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00008554-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PIAS1 expression in transfected 293T cell line ([H00008554-T01](#)) by PIAS1 MaxPab polyclonal antibody.

Lane 1: PIAS1 transfected lysate (71.61 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PIAS1 protein.

Immunogen

PIAS1 (NP_057250.1, 1 a.a. ~ 651 a.a) full-length human protein.

Sequence

MADSAELKQMVMMLRVSELQVLLGYAGRNKHGRKHELLTKALHLLKAGCSPAVQMKIKELYRRR
FPQKIMTPADLSIPNVHSSPMPATLSPSTIPQLTYDGHPASSPLLVSLLGPKHELELPHLTSALHP
VHPDIKLQKLFPFYDLLDELKPTSLASDNSQRFRETCFAFALTPQQVQQISSMDISGKCDFTVQV
QLRFCLSETSCPQEDHFPPNLCVKVNTKPCSLPGYLPPTKNGVEPKRPSRPINTSLVRLSTTVPN
TIVVSWTAEIGRNYMAVYLVKQLSSTVLLQRLRAKGIRNPDHSRALIKEKLADPDSEIATTSRVS
LLCPLGKMRLTIPCRALTCSHLQCFDATLYQMNEKKPTWVCPVCDKKAPYEHLIDGLFMEILKYC
TDCDEIQFKEDGTWAPMRSKKEVQEVSASNGVDGCLSSSTLEHQVASHHQSSNKNKKVEIDL
IDSSSDEEEEEPSAKRTCPSLSPTSPLNNKGILSLPHQASPVSRTPSLPAVDTSYINTSLIQDYRHP
FHMTMPYDLQGLDFFPFLSGDNQHYNTSLAAAAAAVSDQDQLLHSSRFFPYTSSQMFLDQLS
AGGSTSLPTTNGSSSGSNSSSLVSSNSLRESHSHTVTNRSSDTASIFGIIPDIISLD

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (98)

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.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

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[Protocol Download](#)

Gene Info — PIAS1

Entrez GeneID	8554
GeneBank Accession#	NM_016166.1
Protein Accession#	NP_057250.1
Gene Name	PIAS1
Gene Alias	DDXBP1, GBP, GU/RH-II, MGC141878, MGC141879, ZMIZ3
Gene Description	protein inhibitor of activated STAT, 1
Omim ID	603566
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the mammalian PIAS [protein inhibitor of activated STAT-1 (signal transducer and activator of transcription-1)] family. This member contains a putative zinc-binding motif and a highly acidic region. It inhibits STAT1-mediated gene activation and the DNA binding activity, binds to Gu protein/RNA helicase I/DEAD box polypeptide 21, and interacts with androgen receptor (AR). It functions in testis as a nuclear receptor transcriptional coregulator and may have a role in AR initiation and maintenance of spermatogenesis. [provided by RefSeq]
Other Designations	AR interacting protein DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1 protein inhibitor of activated STAT-1 zinc finger, MIZ-type containing 3

Pathway

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

Disease

- [Multiple Sclerosis](#)