

DNAxPAb

Hard-to-Find
Antibody

PIAS1 DNAxPab

Catalog # H00008554-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PIAS1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MADSAELKQMVMSLRVSELQVLLGYAGRNKHGRKHELLTKALHLLKAGCSPAVQMKIKELYRRRFPQKIMTPADLSIPNVHSSPMPATLSPSTIPQLTYDGHPASSPLLPVSLLGPKHELELPHLTSALHPVHPDIKLQKLPHYDLLDELKPTSLASDNSQRFRETCFAFALTPQQVQQISSSMDISGTKCDFTVQVQLRFCLSETSCPQEDHFPPNLCVKVNTKPCSLPGYLPPTKNGVEPKRPSRPINITSLVRLSTTVPN TIVSWTAEIGRNYSMAYVLVKQLSSTVLLQRLRAKGIRNPDHSRALIKEKL TADPDSEIATTSRLVSLLCPLGKMRLTIPCRALTCSHLQCFDATLYQMNEKKPTWVCPVCDKKAPYEHLIIDGLFMEILKYC TDCDEIQFKEDGTWAPMRSKKEVQEVSA SYNGVDGCLSSSTLEHQVASHHQSSNKNKKVEIDL TIDSSSDEEEEEPSAKRTCPSLSPTSPLNNKGILSLPHQASPVSRTPSLPAVDTSYINTSLIQDYRHP FHMTMPYDLQGLDFFPFLSGDNQHYNTSLAAAAAAVSDDQDLLHSSRFFPYTSSQMFLDQLS AGGSTSLPTTNGSSSGSNSSLVSSNSLRESHSHTVTNRSSTDTASIFGIIPDIISLD

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PIAS1

Entrez GeneID [8554](#)

GeneBank Accession# [NM_016166.1](#)

Protein Accession# [NP_057250.1](#)

Gene Name PIAS1

Gene Alias DDGBP1, 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 II/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](#)