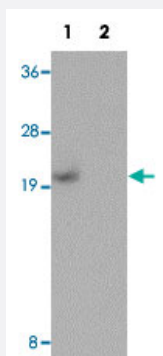


PIAS1 polyclonal antibody

Catalog # PAB19242

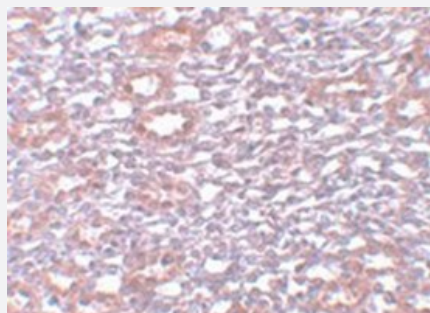
Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of human kidney tissue with PIAS1 polyclonal antibody (Cat # PAB19242) at 1 ug/mL in (Lane 1) the absence and (Lane 2) the presence of blocking peptide.



Immunohistochemistry

Immunohistochemical staining of rat kidney tissue with PIAS1 polyclonal antibody (Cat # PAB19242) at 5 ug/mL dilution.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of PIAS1.

Immunogen

A synthetic peptide corresponding to 15 amino acids near C-terminus of human PIAS1.

Host

Rabbit

Reactivity

Human, Mouse, Rat

Form

Liquid

Purification

Peptide affinity purification

Concentration	1 mg/mL
Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of human kidney tissue with PIAS1 polyclonal antibody (Cat # PAB19242) at 1 ug/mL in (Lane 1) the absence and (Lane 2) the presence of blocking peptide.

- Immunohistochemistry

Immunohistochemical staining of rat kidney tissue with PIAS1 polyclonal antibody (Cat # PAB19242) at 5 ug/mL dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PIAS1

Entrez GeneID	8554
Protein Accession#	NP_057250
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 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](#)