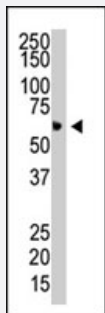


PIAS4 polyclonal antibody

Catalog # PAB2257

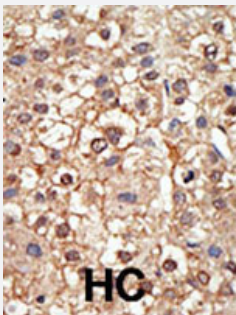
Size 400 uL

Applications



Western Blot (Cell lysate)

The PIAS4 polyclonal antibody (Cat # PAB2257) is used in Western blot to detect PIAS4 in HL-60 cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with the PIAS4 polyclonal antibody (Cat # PAB2257), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. HC = hepatocarcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PIAS4.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human PIAS4.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. 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 (Cell lysate)

The PIAS4 polyclonal antibody (Cat # PAB2257) is used in Western blot to detect PIAS4 in HL-60 cell lysate.

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Gene Info — PIAS4

Entrez GeneID	51588
Protein Accession#	NP_056981;Q8N2W9
Gene Name	PIAS4
Gene Alias	FLJ12419, MGC35296, PIASY, Piasg, ZMIZ6
Gene Description	protein inhibitor of activated STAT, 4
Omim ID	605989
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	protein inhibitor of activated STAT protein PIASylzinc finger, MIZ-type containing 6

Publication Reference

- [The interaction of Piasy with Trim32, an E3-ubiquitin ligase mutated in limb-girdle muscular dystrophy type 2H, promotes Piasy degradation and regulates UVB-induced keratinocyte apoptosis through NFkappaB.](#)

Albor A, El-Hizawi S, Horn EJ, Laederich M, Frosk P, Wrogemann K, Kulesz-Martin M.

The Journal of Biological Chemistry 2006 Jun; 281(35):25850.

Pathway

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