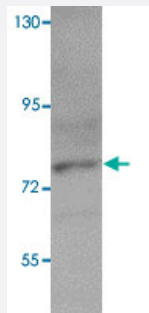


PIAS3 polyclonal antibody

Catalog # PAB19244

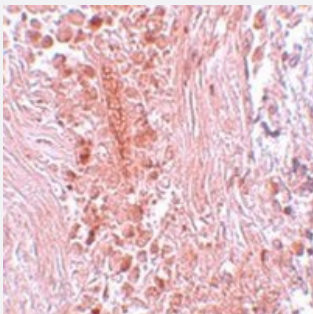
Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of K-562 cells with PIAS3 polyclonal antibody (Cat # PAB19244) at 1 ug/mL dilution.



Immunohistochemistry

Immunohistochemical staining of human breast cancer tissue with PIAS3 polyclonal antibody (Cat # PAB19244) at 5 ug/mL dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PIAS3.
Immunogen	A synthetic peptide corresponding to 12 amino acids near C-terminus of human PIAS3.
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 (Cell lysate)

Western blot analysis of K-562 cells with PIAS3 polyclonal antibody (Cat # PAB19244) at 1 ug/mL dilution.

- Immunohistochemistry

Immunohistochemical staining of human breast cancer tissue with PIAS3 polyclonal antibody (Cat # PAB19244) at 5 ug/mL dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PIAS3

Entrez GeneID	10401
Protein Accession#	NP_006090
Gene Name	PIAS3
Gene Alias	FLJ14651, ZMIZ5
Gene Description	protein inhibitor of activated STAT, 3
Omim ID	605987
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the PIAS [protein inhibitor of activated STAT (signal transducer and activator of transcription)] family of transcriptional modulators. The protein functions as a SUMO (small ubiquitin-like modifier)-E3 ligase which catalyzes the covalent attachment of a SUMO protein to specific target substrates. It directly binds to several transcription factors and either blocks or enhances their activity. Alternatively spliced transcript variants of this gene have been identified, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000015586|zinc finger, MIZ-type containing 5

Pathway

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