

anti-Human, Mouse PIAS1 Antibody | anti-PIAS1 antibody

PIAS1 Antibody

CATALOG # AAA109708	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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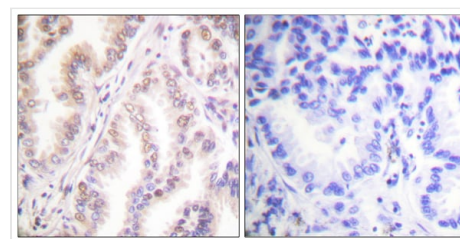
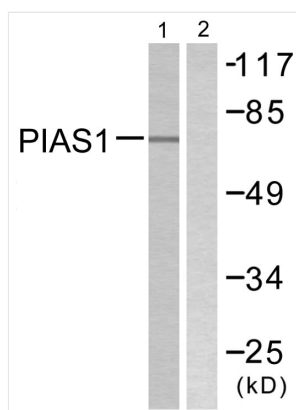
PRODUCT SYNONYMS

PIAS1; PIAS1 Antibody; AR interacting protein; DDXBP1; DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1; DEAD/H box-binding protein 1; GBP; GU/RH-II; Gu-binding protein; RNA helicase II-binding protein; protein inhibitor of activated STAT protein 1; protein inhibitor of activated STAT; 1; protein inhibitor of activated STAT-1; anti-PIAS1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	PIAS1 antibody detects endogenous levels of total PIAS1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	653
Applicable Applications for anti-PIAS1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from Internal of human PIAS1.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
Peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using PIAS1 antibody. Western blot analysis of extracts from MDA-MB-435 cells, using PIAS1 antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PIAS1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Bin Liu, Mol. Cell. Biol., Feb 2005; 25: 1113-1123. Hansol Lee, Genes & Dev., Apr 2006; 20: 784-794. Tamar Megidish, J. Biol. Chem., Mar 2002; 277: 8255-8259. Keiko Kawai-Kowase, Mol. Cell. Biol., Sep 2005; 25: 8009-8023.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1003088814
NCBI GeneID	8554
NCBI Accession #	NP_001307616.1
NCBI GenBank Nucleotide #	NM_001320687.1
UniProt Accession #	O75925; Q147X4; Q99751; Q9UN02; B2RB67; B3KSY9; C5J4B4
Molecular Weight	36,204 Da
NCBI Official Full Name	E3 SUMO-protein ligase PIAS1 isoform 1
NCBI Official Synonym Full Names	protein inhibitor of activated STAT 1
NCBI Official Symbol	PIAS1
NCBI Official Synonym Symbols	GBP; ZMIZ3; DDXBP1; GU/RH-II
NCBI Protein Information	E3 SUMO-protein ligase PIAS1
UniProt Protein Name	E3 SUMO-protein ligase PIAS1
UniProt Gene Name	PIAS1
UniProt Synonym Gene Names	DDXBP1; GBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.