

Rabbit anti-Human WSB1 Polyclonal Antibody | anti-WSB1 antibody

WSB1 Antibody

CATALOG # AAA323328	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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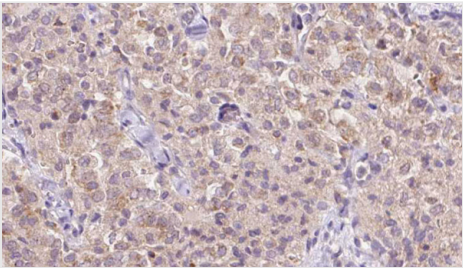
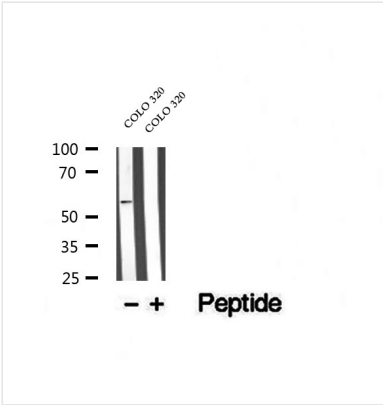
PRODUCT SYNONYMS

WSB1; Polyclonal Antibody; WSB1 Antibody; SOCS box containing WD protein SWIP 1; SWIP1; WD repeat and SOCS box containing 1; WD repeat and SOCS box containing protein 1; WSB 1; anti-WSB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	WSB1 antibody detects endogenous levels of WSB1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	421
Applicable Applications for anti-WSB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human WSB1.
Subcellular Location	Intracellular
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Rabbit, Dog
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323328 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of COLO 320 cells, using WSB1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-WSB1 antibody	Function: Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Recognizes type II iodothyronine deiodinase/DIO2. Confers constitutive instability to HIPK2 through proteasomal degradation. Subunit Structure: Interacts with DIO2. Component of the probable ECS(WSB1) E3 ubiquitin ligase complex which contains CUL5, RNF7/RBX2, Elongin BC complex and WSB1. Component of a probable ECS-like E3 ubiquitin-protein ligase complex which contains CUL5, RBX1, Elongin BC complex and WSB1. Interacts with CUL5, RNF7, ELOB and ELOC. Binds to HIPK2 through WD40 repeats. Similarity: The SOCS box domain mediates the interaction with the Elongin BC complex, an adapter module in different E3 ubiquitin ligase complexes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18677720
NCBI GeneID	26118
NCBI Accession #	NP_056441.6
NCBI GenBank Nucleotide #	NM_015626.9
UniProt Accession #	Q9Y6I7; Q9NRB1; Q9UBH9; Q9UG25; Q9UNN6; Q9Y656
Molecular Weight	Observed: 56 kDa Predicted: 48 kDa
NCBI Official Full Name	WD repeat and SOCS box-containing protein 1 isoform 1
NCBI Official Synonym Full Names	WD repeat and SOCS box containing 1
NCBI Official Symbol	WSB1
NCBI Official Synonym Symbols	SWIP1; WSB-1
NCBI Protein Information	WD repeat and SOCS box-containing protein 1
UniProt Protein Name	WD repeat and SOCS box-containing protein 1
UniProt Gene Name	WSB1
UniProt Synonym Gene Names	SWIP1; WSB-1

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.

