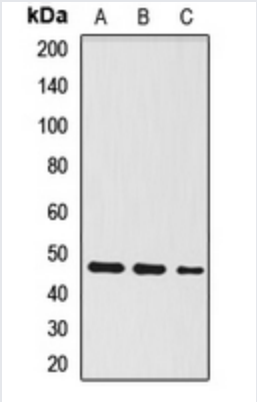
WSB1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WSB1, Polyclonal Antibody
Full Product Name	Rabbit anti-WSB1 Antibody
Product Gene Name	anti-WSB1 antibody
Product Synonym Names	SWIP1; WD repeat and SOCS box-containing protein 1; WSB-1; SOCS box-containing WD protein SWiP-1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	Predicted: 46 kDa Observed: 46 kDa
OMIM	610091
3D Structure	ModBase 3D Structure for Q9Y6I7
Immunogen	Recombinant full length protein of human WSB1
Product Categories/Family for anti-WSB1 antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-WSB1 antibody	Western Blot (WB)
Application Notes for anti-WSB1 antibody	WB: 1:500-1:2000
Related Product Information for anti-WSB1 antibody	MBS4505423 is an antibody targeting WSB1. Also known as Rabbit anti-WSB1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-WSB1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-WSB1 antibody
Western blot analysis of WSB1 expression in A549 (A), Hela (B), HepG2 (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WSB1. It may not necessarily be applicable to this product.

NCBI GI #	18677720
NCBI GeneID	26118
NCBI Accession #	NP_056441
UniProt Primary Accession #	Q9Y6I7
UniProt Secondary Accession #	Q9NRB1; Q9UBH9; Q9UG25; Q9UNN6; Q9Y656
UniProt Related Accession #	Q9Y6I7
GenBank Nucleotide #	NM_015626.8
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
UniProt Protein Name	WD repeat and SOCS box-containing protein 1
UniProt Synonym Protein Names	SOCS box-containing WD protein SWiP-1
Protein Family	WD repeat and SOCS box-containing protein
UniProt Gene Name	WSB1
UniProt Synonym Gene Names	SWIP1; WSB-1
UniProt Entry Name	WSB1_HUMAN
NCBI Protein Information	WD repeat and SOCS box-containing protein 1; WD repeat and SOCS box-containing 1; SOCS box-containing WD protein SWiP-1
NCBI Summary for WSB1	This gene encodes a member of the WD-protein subfamily. This protein shares a high sequence identity to mouse and chick proteins. It contains several WD-repeats spanning most of the protein and an SOCS box in the C-terminus. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

UniProt Comments for WSB1	WSB1: 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. 3 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 17q11.1 Cellular Component: intracellular Molecular Function: protein binding Biological Process: protein ubiquitination
Research Articles on WSB1	**1.** combination of WSB1(3) silencing together with WSB1 isoforms 1+2 silencing in NB cells showed reduced growth, enhanced apoptosis rate, and increased sensitivity to chemotherapeutic agents, specifically related to low expression of WSB1
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