

Rabbit anti-Human, Mouse TAB1 Polyclonal Antibody | anti-TAB1 antibody

TAB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306440	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

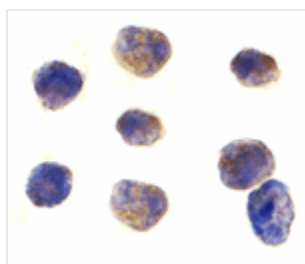
PRODUCT SYNONYMS

TAB1; Polyclonal Antibody; TAB1 Antibody; anti-TAB1 antibody

PRODUCT SPECIFICATIONS

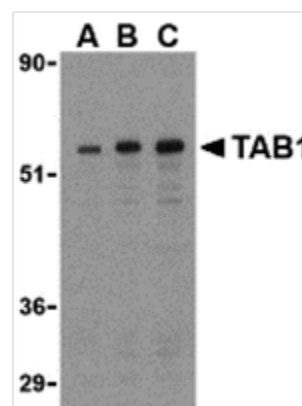
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	504
Applicable Applications for anti-TAB1 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to 13 amino acids in the center of human TAB1.
Target Name	TAB1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of TAB1 in K562 cells with TAB1 antibody at 1 ug/mL.



WB (Western Blot)

Western blot analysis of TAB1 in 3T3 cell lysate with TAB1 antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TAB1 antibody	TAB1 was identified as a regulator of the MAP kinase kinase kinase TAK1/MAP3K7, which is known to mediate various intracellular signaling pathways, such as those induced by TGF-beta and members of the Toll-IL-1R (TIR) superfamily, thus acting as an intermediate in both proliferative and innate and adaptive immune responses. This protein, together with either TAB2 or TAB3, activates TAK1 kinase in response to upstream signals. It has been shown that the C-terminal portion of TAB1 is sufficient for binding and activation of TAK1, while a portion of the N-terminus acts as a dominant-negative inhibitor of TGF-beta, demonstrating how this protein can function as a mediator between TGF-beta receptors and TAK1.
Product Categories/Family for anti-TAB1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174703
NCBI GeneID	10454
NCBI Accession #	NP_006107
NCBI GenBank Nucleotide #	NM_006116.2
Molecular Weight	49,917 Da
NCBI Official Full Name	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1 isoform alpha
NCBI Official Synonym Full Names	TGF-beta activated kinase 1/MAP3K7 binding protein 1
NCBI Official Symbol	TAB1
NCBI Official Synonym Symbols	3'-Tab1; MAP3K7IP1
NCBI Protein Information	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1
UniProt Protein Name	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1
UniProt Gene Name	TAB1
UniProt Synonym Gene Names	MAP3K7IP1; TAK1-binding protein 1
UniProt Entry Name	TAB1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tab1-antibody-immunocytochemistry-western-blot-elisa/306440>