

Mouse anti-Human, Rat TAB1 Monoclonal Antibody | anti-TAB1 antibody

TAB1 (TGF-beta-activated Kinase 1 and MAP3K7-binding Protein 1, Mitogen-activated Protein Kinase Kinase Kinase 7-interacting Protein 1, TGF-beta-activated Kinase 1-binding Protein 1, TAK1-binding Protein 1, MAP3K7IP1) (HRP)

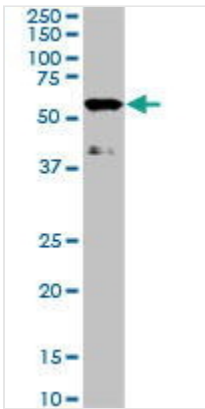
CATALOG # AAA25564	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

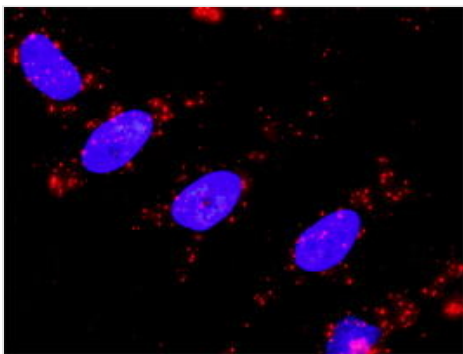
TAB1; Monoclonal Antibody; TAB1 (TGF-beta-activated Kinase 1 and MAP3K7-binding Protein 1; Mitogen-activated Protein Kinase Kinase Kinase 7-interacting Protein 1; TGF-beta-activated Kinase 1-binding Protein 1; TAK1-binding Protein 1; MAP3K7IP1) (HRP); anti-TAB1 antibody

PRODUCT SPECIFICATIONS

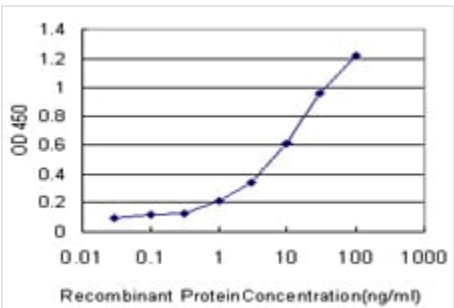
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2A12
Specificity	Recognizes human MAP3K7IP1. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-TAB1 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa3-100 from MAP3K7IP1 (NP_705717) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	AQRRSLLQSEQQPSWTDLPLCHLSGVGSASNRSYSADGKGTESHPPEDSWLKFRSENNCFLYGVFNGYDGNRVTNFVAQRLSAELLGQLNAEHAE
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



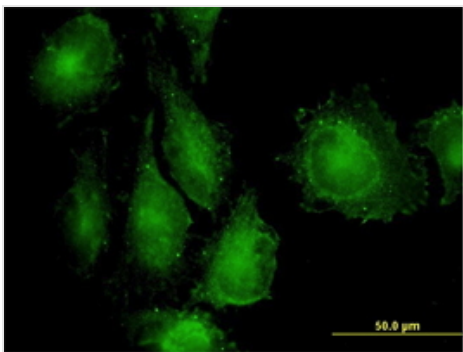
WB (Western Blot)
MAP3K7IP1 monoclonal antibody Western Blot analysis of MAP3K7IP1 expression in PC-12.



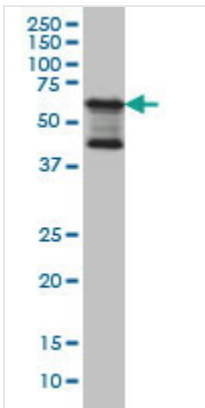
Application Data
Proximity Ligation Analysis (PLA) of protein-protein interactions between HSPA1L and MAP3K7IP1. HeLa cells were stained with HSPA1L rabbit purified polyclonal 1:1200 and MAP3K7IP1 mouse monoclonal antibody 1:50. Signals were detected 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



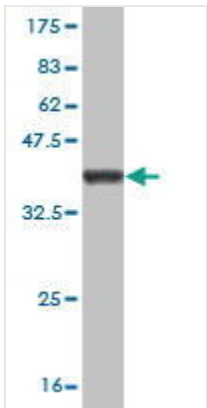
Application Data
Detection limit for recombinant GST tagged MAP3K7IP1 is ~0.3ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to MAP3K7IP1 on HeLa cell. [antibody concentration 10ug/ml]



WB (Western Blot)
MAP3K7IP1 monoclonal antibody Western Blot analysis of MAP3K7IP1 expression in HeLa.



WB (Western Blot)
Western Blot detection against Immunogen (36.89kD).

ADDITIONAL INFORMATION

Related Product Information for anti-TAB1 antibody	TAB1 (TAK1 binding protein 1) is an adaptor protein that can activate TAK1 in vivo through phosphorylation of TAK1, a mitogen-activated protein kinase kinase kinase. Once activated TAK1 phosphorylates MAPK kinase MKK4 and MKK3/6, which activate p38 MAPK and JNK, respectively.
Product Categories/Family for anti-TAB1 antibody	Antibodies; Binding Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	41281798
NCBI GeneID	10454
NCBI Accession #	NP_705717
NCBI GenBank Nucleotide #	NM_153497
UniProt Accession #	Q8IZW2; Q15750
Molecular Weight	50kDa
NCBI Official Full Name	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1 isoform beta
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

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/monoclonal/tab1-antibody-clone-2a12-western-blot-elisa/25564>