

Rabbit TAB1 Polyclonal Antibody | anti-TAB1 antibody

Phospho-TAB1 (Ser438) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329842	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TAB1; Polyclonal Antibody; Phospho-TAB1 (Ser438) Antibody; 2310012M03Rik; 3'-Tab1; MAP3K7IP 1; MAP3K7IP1; MGC57664; Mitogen activated protein kinase kinase kinase 7 interacting protein 1; Mitogen-activated protein kinase kinase kinase 7-interacting protein 1; TAB 1; TAB1_HUMAN; TAK1 binding protein 1; TAK1-binding protein 1; TGF beta activated kinase 1 binding protein 1; TGF-beta activated kinase 1/MAP3K7 binding protein 1; TGF-beta-activated kinase 1 and MAP3K7-binding protein 1; TGF-beta-activated kinase 1-binding protein 1; Transforming growth factor beta activated kinase binding protein 1; anti-TAB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-TAB1 (Ser438) Antibody detects endogenous levels of TAB1 only when phosphorylated at Ser438. Tissue Specificity: Ubiquitous.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TAB1 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TAB1 around the phosphorylation site of Ser438.
Conjugation	Unconjugated
Fragment	Fab fragment
Post Translational Modifications	Monoubiquitinated. Deubiquitinated by Y.enterocolitica YopP.
Subunit Structure	Interacts with XIAP and BIRC7. Interacts with TRAF6 and MAP3K7; during IL-1 signaling. Identified in the TRIKA2 complex composed of MAP3K7, TAB1 and TAB2.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
At 1/100 staining Mouse brain 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 primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



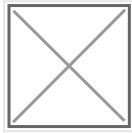
IHC (Immunohistochemistry)
At 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
At 1/100 staining Rat stomach 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 primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of TAB1 (Phospho-Ser438) using UV treated NIH-3T3 whole cell lysates. -/+ means absence or presence of N peptide(1/4 non-phospho peptide) and P peptide(phospho peptide).



WB (Western Blot)
Western blot analysis of extracts from H2O2 treated C6 cells, using Phospho-TAB1 (Ser438) Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TAB1 antibody	May be an important signaling intermediate between TGFβ receptors and MAP3K7/TAK1. May play an important role in mammalian embryogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5174703
NCBI GeneID	10454
NCBI Accession #	NP_006107
NCBI GenBank Nucleotide #	NM_006116.2
UniProt Accession #	Q15750; Q2PP09; Q8IZW2
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; TAK1-binding protein 1; transforming growth factor beta-activated kinase-binding protein 1; mitogen-activated protein kinase kinase kinase 7-interacting 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

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-peptide-elisa-immunohistochemistry-western-blot-elisa/329842>