

Rabbit TAB1 Polyclonal Antibody | anti-TAB1 antibody

Phospho-TAB1 (Tyr481) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328264	Rabbit	Human, Mouse, RatPredicted: Pig, Horse, Sheep, Rabbit, Dog, Xenopus	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TAB1; Polyclonal Antibody; Phospho-TAB1 (Tyr481) 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: Pig, Horse, Sheep, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-TAB1(Tyr481) Antibody detects endogenous levels of TAB1 only when phosphorylated at Tyr481.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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	504
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 Tyr481.
Tissue Specificity	Ubiquitous.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-TAB1(Tyr481) in lysates of PC-12?, using Phospho-TAB1(Tyr481) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining mouse lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



IHC (Immunohistochemistry)

At 1/100 staining rat spleen tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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

ADDITIONAL INFORMATION

Related Product Information for anti-TAB1 antibody

Description: May be an important signaling intermediate between TGFB receptors and MAP3K7/TAK1. May play an important role in mammalian embryogenesis.

Post Translational Modifications: Monoubiquitinated. Deubiquitinated by Y. enterocolitica YopP.

Subunit Structure: Interacts with XIAP and BIRC7 (PubMed:17560374, PubMed:11865055). Interacts with TRAF6 and MAP3K7; during IL-1 signaling (PubMed:8638164, PubMed:10094049, PubMed:11323434). Identified in the TRIKA2 complex composed of MAP3K7, TAB1 and TAB2 (PubMed:11460167).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174703
NCBI GeneID	10454
NCBI Accession #	NP_006107
NCBI GenBank Nucleotide #	NP_006107.1
UniProt Accession #	Q15750
Molecular Weight	Observed: 54 kDa Predicted: 55 kDa
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-peptide-elisa-immunohistochemistry-western-blot-elisa/328264>