

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

Anti-TAB1 Antibody, Rabbit Polyclonal

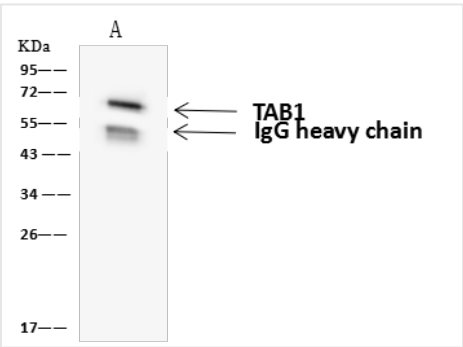
CATALOG # AAA256439	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

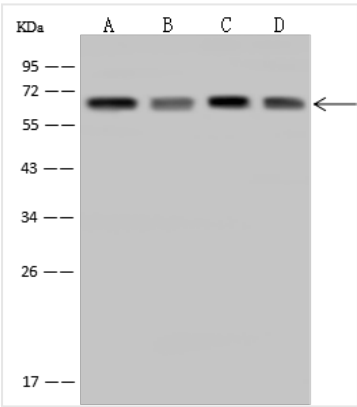
TAB1; Polyclonal Antibody; Anti-TAB1 Antibody; Rabbit Polyclonal; TAB1 Antibody; Rabbit PAb; Antigen Affinity Purified; TGF-beta activated kinase 1/MAP3K7 binding protein 1; Anti-3'-Tab1 Antibody; Anti-MAP3K7IP1 Antibody; anti-TAB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TAB1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TAB1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human TAB1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TAB1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
TAB1 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-TAB1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-TAB1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 55 kDa. Observed band size: 70 kDa.



WB (Western Blot)
Anti-TAB1 rabbit polyclonal antibody at 1:500 dilution. Lane A: 293T Whole Cell Lysate. Lane B: A431 Whole Cell Lysate. Lane C: HeLa Whole Cell Lysate. Lane D: A375 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 55 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TAB1 antibody	TGF-beta activated kinase-1 binding protein-1 (TAB1) binds and induces autophosphorylation of TGF-beta activating kinase (TAK1). TAB1 is an upstream adaptor for the activation of the kinase TAK1, which in turn couples to the NF-kappaB pathway. TAB1 forms the protein complex with TAK1 and enhances its kinase activity in the human and mammals. TAK1, a mitogen-activated kinase kinase kinase, is involved in several distinct signaling pathways including non-Smad pathways for TGF-beta superfamily members and inflammatory responses caused by cytokines. Conventional disruption of the murine Tab1 gene results in late gestational lethality showing intraventricular septum defects and underdeveloped lung alveoli. A single O-GlcNAc site has been identified on human TAB1 that modulates TAK1-mediated cytokine release in cells.
Product Categories/Family for anti-TAB1 antibody	IL1 signaling pathway
References	Zou Z, et al. (2019) Black carp tab1 up-regulates tak1/irf7/ifn signaling during the antiviral innate immune activation. Fish Shellfish Immunol 89 736-744. Inagaki M, et al. (2008) Generation of a conditional mutant allele for tab1 in mouse. Genesis 46 (8): 431-439. Authier F, et al. (2019) A mouse model for functional dissection of tab1 o-glcacylation. Wellcome Open Res 4 128.

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.