

Product Name: TAB3 (10D17) Rabbit Monoclonal Antibody**Catalog #: AMRe18596**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000,ICC/IF 1:20-1:50
Molecular Weight	79kDa

Antigen Information

Gene Name	TAB3
Alternative Names	MAP3K7IP 3; NAP1; NFkB activating protein 1; Tab3; TAK1 binding protein 3;
Gene ID	257397.0
SwissProt ID	Q8N5C8
Immunogen	A synthetic peptide of human TAB3

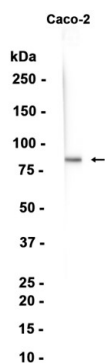
Background

Adapter linking MAP3K7/TAK1 and TRAF6 or TRAF2. Mediator of MAP3K7 activation, respectively in the IL1 and TNF signaling

pathways. Plays a role in activation of NF-kappa-B and AP1 transcription factor. Isoform 2 may be an oncogenic factor. Adapter required to activate the JNK and NF-kappa-B signaling pathways through the specific recognition of 'Lys-63'-linked polyubiquitin chains by its RanBP2-type zinc finger (NZF) (PubMed:14633987, PubMed:14766965, PubMed:15327770, PubMed:22158122). Acts as an adapter linking MAP3K7/TAK1 and TRAF6 to 'Lys-63'-linked polyubiquitin chains (PubMed:14633987, PubMed:14766965, PubMed:15327770, PubMed:22158122). The RanBP2-type zinc finger (NZF) specifically recognizes Lys-63'-linked polyubiquitin chains unanchored or anchored to the substrate proteins such as RIPK1/RIP1: this acts as a scaffold to organize a large signaling complex to promote autophosphorylation of MAP3K7/TAK1, and subsequent activation of I- kappa-B-kinase (IKK) core complex by MAP3K7/TAK1 (PubMed:15327770, PubMed:22158122).

Research Area

Image Data



Western blot analysis of extracts from Caco-2 cells using TAB3 (10D17) Rabbit Monoclonal Antibody at 1:1000.