

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

Summary

Production Name	TAB3 (10D17) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

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

Application

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

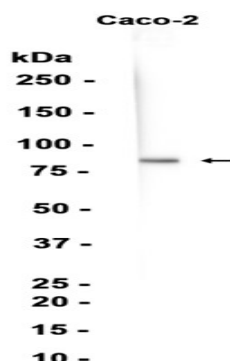
Product Name: TAB3 (10D17) Rabbit Monoclonal Antibody
Catalog #: AMRe18596

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](http://www.uniprot.org/citations/14633987), PubMed: [14766965](http://www.uniprot.org/citations/14766965), PubMed: [15327770](http://www.uniprot.org/citations/15327770), PubMed: [22158122](http://www.uniprot.org/citations/22158122)). Acts as an adapter linking MAP3K7/TAK1 and TRAF6 to 'Lys-63'-linked polyubiquitin chains (PubMed: [14633987](http://www.uniprot.org/citations/14633987), PubMed: [14766965](http://www.uniprot.org/citations/14766965), PubMed: [15327770](http://www.uniprot.org/citations/15327770), PubMed: [22158122](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/15327770), PubMed: [22158122](http://www.uniprot.org/citations/22158122)).

Research Area

Image Data



Western blot analysis of extracts from Caco-2 cells using RM6236 at 1:1000.



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

Note

For research use only.