

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
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 {ECO:0000303 PubMed:14633987, ECO:0000312 HGNC:HGNC:30681}
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
Molecular Weight	79kDa

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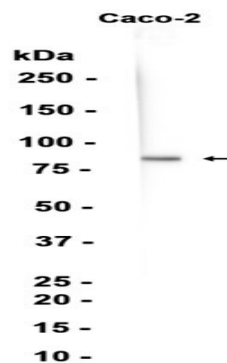


Background

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.

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Note

For research use only.