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TAB3 antibody

Rabbit mAb
Catalog # AP92266

Product Information

Application	WB, IF, ICC
Primary Accession	Q8N5C8
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	MAP3K7IP 3; NAP1; NFkB activating protein 1; Tab3; TAK1 binding protein 3;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	78653

Additional Information

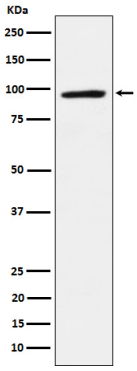
Dilution	WB 1:500~1:2000 CC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TAB3
Description	Adapter linking MAP3K7/TAK1 and TRAF6 or TRAF2. Mediator of MAP3K7 activation, respectively in the IL1 and TNF signaling pathways. Plays a role in activation of NF-kappa-B and AP1 transcription factor. Isoform 2 may be an oncogenic factor.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	TAB3 {ECO:0000303|PubMed:14633987, ECO:0000312|HGNC:HGNC:30681}
Function	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, PubMed:36593296). The RanBP2-type zinc finger (NZF) specifically recognizes 'Lys-63'-linked polyubiquitin chains unanchored or anchored to the substrate proteins such as RIPK1/RIP1 and RIPK2: 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:18079694, PubMed:22158122).
Tissue Location	Widely expressed. Constitutively overexpressed in certain tumor tissues.

[Isoform 2]: Minor transcript.

Images



Western blot analysis of TAB3 expression in HepG2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.