



Rabbit Anti-MAP3K7IP3 antibody

SL5424R

Product Name:	MAP3K7IP3
Chinese Name:	NFKB激活蛋白1抗体
Alias:	MAP3K7IP 3; Mitogen activated protein kinase kinase kinase 7 interacting protein 3; Mitogen-activated protein kinase kinase kinase 7-interacting protein 3; NAP1; NF kappa B activating protein 1; NF-kappa-B-activating protein 1; NFkB activating protein 1; TAB-3; TAB3; TAB3_HUMAN; TAK1 binding protein 3; TAK1-binding protein 3; TGF-beta-activated kinase 1 and MAP3K7-binding protein 3; TGF-beta-activated kinase 1-binding protein 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	79kDa
Cellular localization:	cytoplasmicThe cell membraneExtracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAP3K7IP3:601-712/712
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The product of this gene functions in the NF-kappaB signal transduction pathway. The encoded protein, and the similar and functionally redundant protein

MAP3K7IP2/TAB2, forms a ternary complex with the protein kinase MAP3K7/TAK1 and either TRAF2 or TRAF6 in response to stimulation with the pro-inflammatory cytokines TNF or IL-1. Subsequent MAP3K7/TAK1 kinase activity triggers a signaling cascade leading to activation of the NF-kappaB transcription factor. The human genome contains a related pseudogene. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Function:

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.

Subunit:

Interacts with TAB1, TAB2, MAP3K7, TRAF2 and TRAF6. The minimal TAB3-containing complex (TAB1-MAP3K7-TAB3) appears not to contain TAB2. However, it seems sensible to consider that TAB2 may also join this complex and may act in a cooperative manner with TAB3. Interacts with WDR34 (via the WD domains). Interacts with RBCK1. Binds 'Lys-63'-linked polyubiquitin chains. Interacts with TRIM5.

Tissue Specificity:

Widely expressed. Constitutively overexpressed in certain tumor tissues. Isoform 1 is a major transcript while isoform 2 is a minor transcript.

Post-translational modifications:

Ubiquitinated; following IL1 stimulation or TRAF6 overexpression.
Phosphorylated at Ser-506 by MAPKAPK2 and MAPKAPK3 following IL1 treatment.

Similarity:

Contains 1 CUE domain.
Contains 1 RanBP2-type zinc finger.

SWISS:

Q8N5C8

Gene ID:

257397

Database links:

[Entrez Gene: 257397](#)Human

[Entrez Gene: 66724](#)Mouse

[Entrez Gene: 317546](#)Rat

[Omim: 300480](#)Human

[SwissProt: Q8N5C8](#)Human

[SwissProt: Q571K4](#)Mouse

[Unigene: 188256](#)Human

[Unigene: 119646](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

www.sunlongbiotech.com