

ARG54729
anti-TAB3 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TAB3
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TAB3
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 1-30 (N-terminus) of Human TAB3 (NP_690000.3).
Conjugation	Un-conjugated
Alternate Names	TAB-3; MAP3K7IP3; NAP1; TGF-beta-activated kinase 1 and MAP3K7-binding protein 3; NF-kappa-B-activating protein 1; TGF-beta-activated kinase 1-binding protein 3; TAK1-binding protein 3; Mitogen-activated protein kinase kinase kinase 7-interacting protein 3

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

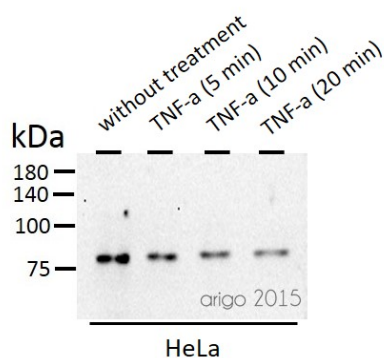
Properties

Purification	Protein A purified
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 257397 Human Swiss-port # Q8N5C8 Human
Gene Symbol	TAB3
Gene Full Name	TGF-beta activated kinase 1/MAP3K7 binding protein 3
Background	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. [provided by RefSeq, Jul 2008]
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. [From Uniprot]
Highlight	Related products: Anti-Rabbit IgG secondary antibodies; Related poster download: The NF-kappa B Pathways.pdf
Research Area	Gene Regulation antibody; Immune System antibody; Signaling Transduction antibody
Calculated Mw	79 kDa
PTM	Ubiquitinated; following IL1 stimulation or TRAF6 overexpression. Phosphorylated at Ser-506 by MAPKAPK2 and MAPKAPK3 following IL1 treatment.

Images



ARG54729 anti-TAB3 antibody WB image

Western blot: 30 µg of 1) HeLa without treatment, 2-4) HeLa treated with 5 ng/ml TNF-a for 5, 10 and 20 min, respectively. Cell lysates stained with ARG54729 anti-TAB3 antibody at 1:500 dilution.