

TBK1/NAK (phospho-Ser172) rabbit pAb

Catalog No: #13488

Package Size: #13488-1 50ul #13488-2 100ul

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Description

Product Name	TBK1/NAK (phospho-Ser172) rabbit pAb
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB;IHC;IF
Species Reactivity	Human;Mouse;Rat
Specificity	This antibody detects endogenous levels of Human Mouse TBK1/NAK (phospho-Ser172)
Immunogen Description	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S172 of human TBK1 protein.
Conjugates	Unconjugated
Target Name	TBK1
Other Names	NAK; Serine/threonine-protein kinase TBK1; NF-kappa-B-activating kinase; T2K; TANK-binding kinase 1
Accession No.	Swiss Prot:Q9UHD2GeneID:29110
Calculated MW	83kDa
Formulation	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application Details

WB 1:500-1000; IHC 1:50-100; IF 1:50-200

Background

TANK binding kinase 1 (TBK1) Homo sapiens The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which inactivate NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation and nuclear translocation of the NFKB complex. The protein encoded by this gene is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors. [provided by RefSeq, Oct 2010],

Published Papers

el at., Activation of cGAS-STING pathway β A possible cause of myofiber atrophy/necrosis in dermatomyositis and immune-mediated necrotizing myopathy. In J Clin Lab Anal on 2022 Oct by Meichen Zhou, Xiaoxiao Cheng, et al..PMID:36030554, , (2022)

[PMID:36030554](https://pubmed.ncbi.nlm.nih.gov/36030554/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.