

## TBK1 Rabbit mAb

Catalog No: #52074

Package Size: #52074-1 50ul #52074-2 100ul

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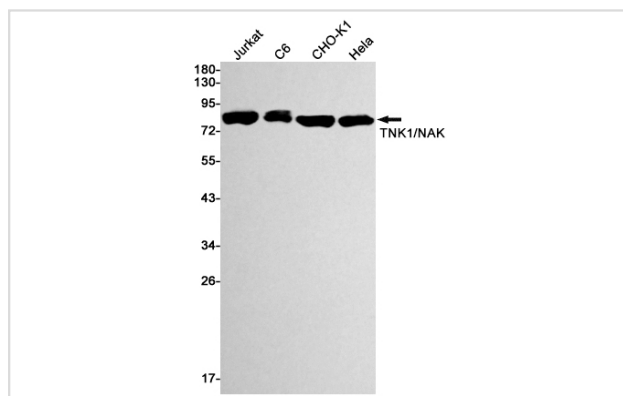
## Description

Product Name	TBK1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-1G3
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human TBK1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	NAK; T2K; NF-kappa-B-activating kinase; TANK-binding kinase 1; Serine/threonine-protein kinase TBK1; T2K; TANK binding kinase 1;
Accession No.	Swiss-Prot:Q9UHD2GeneID:29110
Uniprot	Q9UHD2
GeneID	29110
Calculated MW	Calculated MW: 84 kDa; Observed MW: 84 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/1000;

## Images



Western blot detection of TNK1/NAK in Jurkat,C6,CHO-K1,HeLa cell lysates using TNK1/NAK Rabbit mAb(1:1000 diluted).Predicted band size:84kDa.Observed band size:84kDa.

## Background

Swiss-Prot Acc.Q9UHD2. Phosphorylated IRF3 dissociates from the adapter proteins, dimerizes, and then enters the nucleus to induce expression of interferons (PubMed:25636800).

Thus, several scaffolding molecules including FADD, TRADD, MAVS, AZI2, TANK or TBKBP1/SINTBAD can be recruited to the TBK1-containing-complexes (PubMed:21931631).

Under particular conditions, functions as a NF-kappa-B effector by phosphorylating NF-kappa-B inhibitor alpha/NFKBIA, IKBKB or RELA to translocate NF-Kappa-B to the nucleus

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Note: This product is for in vitro research use only