Recombinant Phospho-TBK1/NAK (Ser172) Monoclonal Antibody

catalog number: **AN302119L**

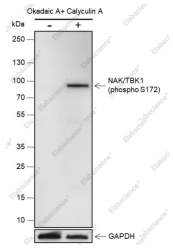
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat
Immunogen	phosphorylated human TBK1/NAK (Ser172) peptide
Host	Rabbit
Isotype	Rabbit IgG
Clone	C731740
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IP	1:50-1:100

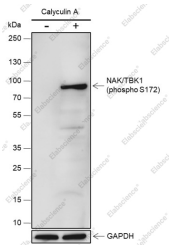
Data



Western Blot with Phospho-TBK1/NAK (Ser172) Monoclonal Antibody at dilution of 1:2000. (-): HeLa, (+): HeLa+ Okadaic A+ Calyculin A (100 nM, 60min)

Observed-MW:84 kDa

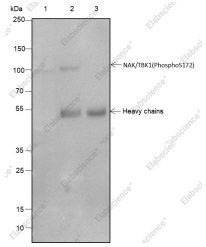
Calculated-MW:84 kDa



Western Blot with Phospho-TBK1/NAK (Ser172) Monoclonal Antibody at dilution of 1:2000. (-): C6, (+): C6+Calyculin A(100nM 30min)

Observed-MW:84 kDa

Calculated-MW:84 kDa



Immunoprecipitation analysis using anti-Phospho-TBK1/NAK (Ser172) Monoclonal Antibody. Western blot was performed from the immunoprecipitate using Phospho-TBK1/NAK (Ser172) Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: Phospho-TBK1/NAK Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:84 kDa

Calculated-MW:84 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
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Shipping	Ice bag

Background

TBK1(tumor necrosis factor (TNF) receptor-associated factor NF-kB activator (TANK)-binding kinase 1), also named as NF-kB-activating kinase (NAK), T2K, is a multimeric kinase that modulates inflammation and autophagy. It is a ubiquitously expressed serine-threonine kinase belonging to the 'noncanonical IkB kinases' (IKKs) recognized for its critical role in regulating type I IFN production. TBK1 is also an important player in autophagy.

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