

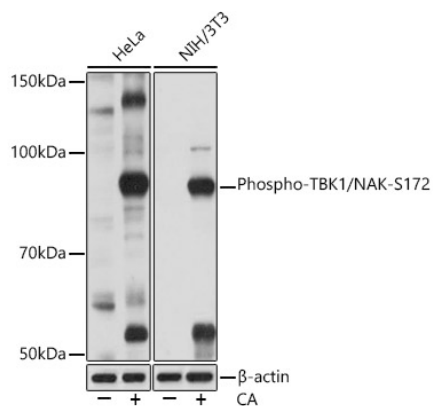


Product name:	Phospho-TBK1/NAK-S172 Rabbit Monoclonal Antibody
Cat number:	MAB1026
Conjugate:	Unconjugated
Host:	Rabbit
Size:	100 ug
Synonyms:	NAK; T2K; IIAE8; FTDALS4; Phospho-TBK1/NAK-S172
Clone:	ARC1571
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	Synthetic peptide. This information is considered to be commercially sensitive.
Reactivity:	Human, Mouse
Applications:	WB 1:500 - 1:2000 ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular Weight:	84kDa
Purification:	Affinity purification
Background:	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. The protein is also an important kinase for antiviral innate immunity response.
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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Western blot analysis of various lysates using Phospho-TBK1/NAK-S172 Rabbit mAb at 1:1000 dilution. Both HeLa cells and NIH/3T3 cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL West Pico Plus. Exposure time: 1min.

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