

**TBK1/NAK polyclonal antibody**

Catalog: BS7387

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

84KDa

**Swiss-Prot:**

Q9UHD2

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

WB,1:500 - 1:2000|IHC,1:50 - 1:200

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Category:****Polyclonal Antibodies****DATA:**

Western blot analysis of extracts of Mouse lung, using TBK1/NAK antibody at 1:1000 dilution.<br>Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.<br>Lysates/proteins: 25ug per lane.<br>Blocking buffer: 3% nonfat dry milk in TBST.<br>Detection: ECL Basic Kit .<br>Exposure time: 90s.

Western blot analysis of extracts of various cell lines, using TBK1/NAK antibody at 1:1000 dilution.<br>Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.<br>Lysates/proteins: 25ug per lane.<br>Blocking buffer: 3% nonfat dry milk in TBST.<br>Detection: ECL Basic Kit .<br>Exposure time: 30s.

Western blot analysis of extracts of Rat thymus, using TBK1/NAK antibody at 1:1000 dilution.<br>Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.<br>Lysates/proteins: 25ug per lane.<br>Blocking buffer: 3% nonfat dry milk in TBST.<br>Detection: ECL Enhanced Kit .<br>Exposure time: 180s.

Immunohistochemistry of paraffin-embedded rat kidney using TBK1/NAK Rabbit pAb at dilution of 1:200 .Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

**Note:**

For research use only, not for use in diagnostic procedure.

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