

# Phospho-TBK1/NAK-S172 Rabbit pAb

Catalog No.: AP0847 **3 Publications**

## Basic Information

### Observed MW

84 kDa

### Calculated MW

84 kDa

### Category

Primary antibody

### Applications

WB, IHC-P, ELISA

### Cross-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. The protein is also an important kinase for antiviral innate immunity response.

## Recommended Dilutions

**WB** 1:400 - 1:5000

**IHC-P** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

29110

### Swiss Prot

Q9UHD2

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

NAK; T2K; IIAE8; FTDALS4; Phospho-TBK1/NAK-S172

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

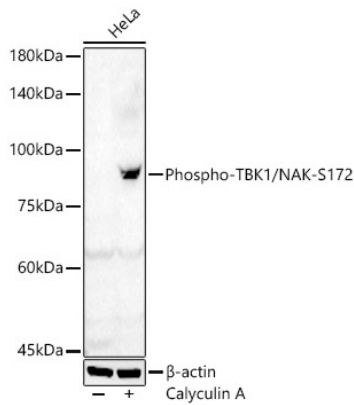
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

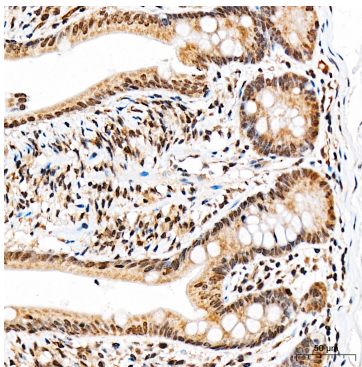
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.

May contain 0.05% BSA as specified on the Certificate of Analysis.

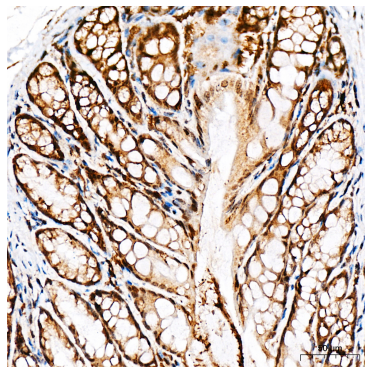
## Validation Data



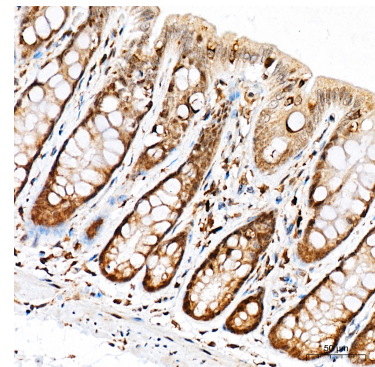
Western blot analysis of lysates from HeLa cells, using Phospho-TBK1/NAK-S172 Rabbit pAb (AP0847) at 1:400 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Phospho-TBK1/NAK-S172 Rabbit pAb (AP0847) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using Phospho-TBK1/NAK-S172 Rabbit pAb (AP0847) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Phospho-TBK1/NAK-S172 Rabbit pAb (AP0847) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.