

phospho-TNIK (Ser769) Polyclonal Antibody

Catalog: BS65918 Host: Rabbit Reactivity: Hu-
man, Mouse, Rat, Dog, Pig, Cow, Horse,

Background:

TNIK is a MSN protein kinase that interacts with both TNF receptor-associated factor 2 (TRAF2) and the adapter protein NCK. The protein has been shown to activate the c-Jun N-terminal kinase pathway when over expressed in Phoenix-A cells. TNIK has been shown to phosphorylate gelsolin, the principal intracellular and extracellular actin-severing protein, in vitro. This and evidence from mutational studies suggest that TNIK functions in the regulation of the cytoskeleton. Northern analysis indicates TNIK expression in human heart, skeletal muscle, and brain, with lower levels of expression in kidney, liver, lung, and pancreas. ESTs have been isolated from human tissue libraries, including normal amnion, gallbladder and skin.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

150kDa

Swiss-Prot:

Q9UKE5

Purification&Purity:

affinity purified by Protein A

Applications:

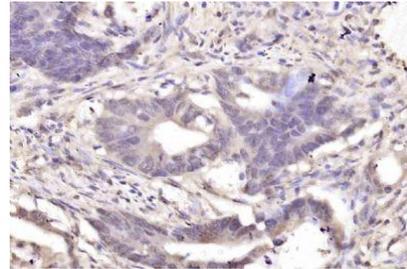
IHC-P=1:100-500

Storage&Stability:

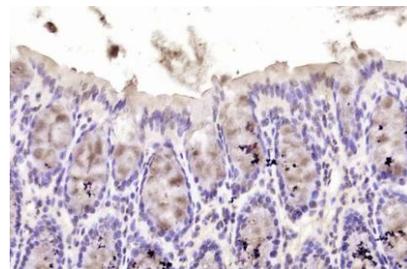
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

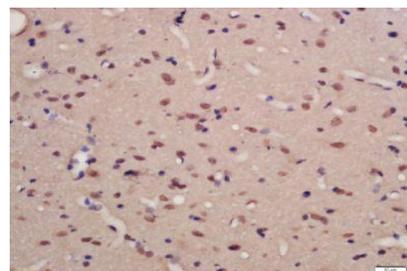
phospho-TNIK (Ser769) Polyclonal Antibody detects endogenous levels of TNIK protein only when phosphorylated at Ser769.

DATA:

Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (phospho-TNIK (Ser769)) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C



Paraformaldehyde-fixed, paraffin embedded (mouse colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (phospho-TNIK (Ser769)) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraf-

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PRODUCT DATA SHEET

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fin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37 °C for 20 min;

Incubation: Anti-phospho-TNIK (Ser769) Polyclonal Antibody, Unconjugated 1:200, overnight at 4 °C

Note:

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

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