Anti-TBK1 Rabbit Polyclonal Antibody

Catalog #: 51314

Aliases

NAK; Serine/threonine-protein kinase TBK1; NF-kappa-B-activating kinase; T2K; TANK-binding kinase 1

Background

Gene Name: TBK1
NCBI Gene Entry: 29110
UniProt Entry: Q9UHD2

Application Information

Molecular Weight: Predicted, 83 kDa; observed, 84 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat, monkey, pig
Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human TBK1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

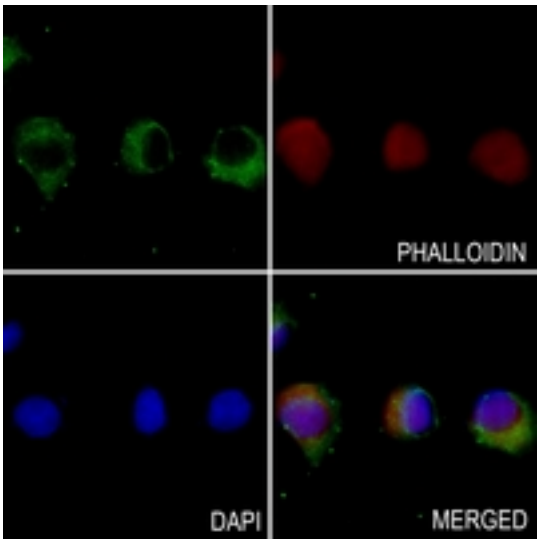
Store at -20 °C for one year.

Recommended Dilutions

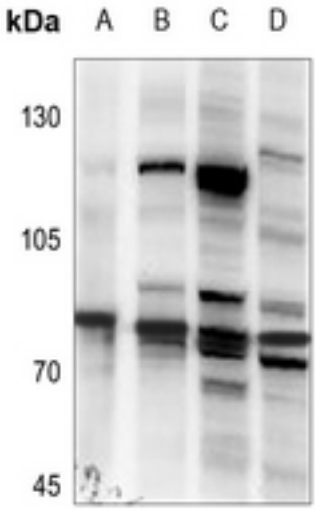
Western Blotting (WB): 1:500-1:1,000
Immunocytochemistry (IC): 1:50-1:200

Note: This product is for research use only.

Validation Data



Immunocytochemical analysis of TBK1 staining in SGC7901 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of TBK1 expression in SKOVCAR3 (A), HCT116 (B), PC3 (C), CT26 (D) whole cell lysates.