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BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Phospho-NAK/TBK1 (S172) Rabbit Monoclonal Antibody

Catalog Number: P00261

Overview

Product Name	Anti-Phospho-NAK/TBK1 (S172) Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-NAK/TBK1 (S172) Rabbit Monoclonal Antibody catalog # P00261. Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, WB
Clonality	Monoclonal 23T28
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9UHD2

Technical Details

Immunogen	A synthesized peptide derived from human Phospho-NAK/TBK1 (S172)
Isotype	IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-1:2000 IP 1:50

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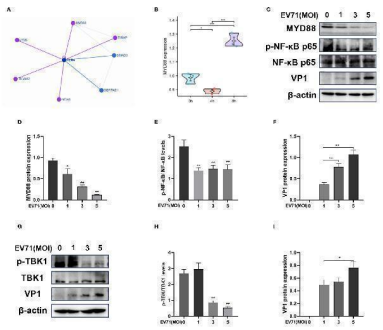
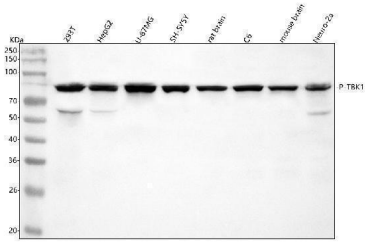
Anti-Phospho-NAK/TBK1 (S172) Rabbit Monoclonal Antibody (P00261) Images



EV71 infection inhibits the TLR4/MYD88/NF-kappaB and TBK1 pathway. (A) The network of TLR4 interacting proteins; (B) MYD88 gene expression of the GSE15323 dataset from the GEO database; (C–F) Western blot analysis of MYD88, p-NF-kappaB p65, NF-kappaB p65 and VP1 protein expression in EV71 infected RD cells at different MOIs. (G–I) Western blot analysis of p-TBK1/TBK1 and VP1 protein expression in EV71 infected RD cells at different MOIs. Data are presented as the mean ± SD. * P < 0.05, ** P < 0.01, *** P < 0.001 vs control group.Index in PubMed under a CC BY license. PMID: 38938877



Western blot analysis of NAK/TBK1 using anti-NAK/TBK1 antibody (P00261). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human HepG2 whole cell lysates, Lane 3: human U-87MG whole cell lysates, Lane 4: human SH-SY5Y whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat C6 whole cell lysates, Lane 7: mouse brain tissue lysates, Lane 8: mouse Neuro-2a whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-NAK/TBK1 antigen affinity purified monoclonal antibody (Catalog # P00261) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:1000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for NAK/TBK1 at approximately 84 kDa. The expected band size for NAK/TBK1 is at 84 kDa.

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For Research Use Only. Not for use in diagnostic procedures.