

Goat NAK/TBK1 Polyclonal Antibody | anti-NAK/TBK1 antibody

Anti-NAK/TBK1 Antibody (aa514-527)

CATALOG # AAA162284	HOST Goat	REACTIVITY HumanPredicted: Monkey	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

NAK/TBK1; Polyclonal Antibody; Anti-NAK/TBK1 Antibody (aa514-527); Mouse Monoclonal (IgG1; k) to Human NAK/TBK1; TBK1; T2K; NAK; NF-kappa-B-activating kinase; NF-kB-activating kinase; TANK-binding kinase 1; anti-NAK/TBK1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Predicted: Monkey
Clonality	Polyclonal
Specificity	Human NAK/TBK1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Sequence Length	729
Applicable Applications for anti-NAK/TBK1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide C-TIETSLQDIDSRLS from the C-terminus of human NAK/TBK1 (NP_037386.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey (100%); Rabbit (93%); Mouse, Rat, Ferret, Bovine, Panda, Horse, Pig, Platypus (86%).
Conjugation	Unconjugated
Epitope	aa514-527
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)

TBK1 antibody (1 ug/ml) staining of HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-NAK/TBK1 antibody IHC staining of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-NAK/TBK1 antibody	Serine/threonine kinase that plays an essential role in regulating inflammatory responses to foreign agents. Following activation of toll-like receptors by viral or bacterial components, associates with TRAF3 and TANK and phosphorylates interferon regulatory factors (IRFs) IRF3 and IRF7 as well as DDX3X. This activity allows subsequent homodimerization and nuclear translocation of their Fs leading to transcriptional activation of pro-inflammatory and antiviral genes including IFNA and IFNB.
Product Categories/Family for anti-NAK/TBK1 antibody	Protein Kinase; IKAPPAB

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019547
NCBI GeneID	29110
NCBI Accession #	NP_037386.1
NCBI GenBank Nucleotide #	NM_013254.3
UniProt Accession #	Q9UHD2; Q8IYV3; Q9NUJ5; A8K4S4
Molecular Weight	83,642 Da
NCBI Official Full Name	serine/threonine-protein kinase TBK1
NCBI Official Synonym Full Names	TANK binding kinase 1
NCBI Official Symbol	TBK1
NCBI Official Synonym Symbols	NAK; T2K; IIAE8; FTDALS4
NCBI Protein Information	serine/threonine-protein kinase TBK1
UniProt Protein Name	Serine/threonine-protein kinase TBK1
UniProt Gene Name	TBK1
UniProt Synonym Gene Names	NAK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nak-tbk1-antibody-western-blot-immunohistochemistry-elisa/162284>