

Rabbit anti-Human, Mouse TBK1 Polyclonal Antibody | anti-TBK1 antibody

Rabbit anti-TBK1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210758	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

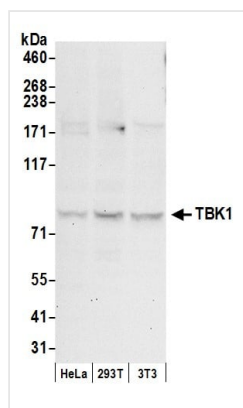
PRODUCT SYNONYMS

TBK1; Polyclonal Antibody; Rabbit anti-TBK1 Antibody; Affinity Purified; NF-kB-activating kinase; T2K; TANK-binding kinase 1; serine/threonine-protein kinase TBK1; NAK; FTDALS4; IIAE8; NF-kappa-B-activating kinase; Serine/threonine-protein kinase TBK1; TANK binding kinase 1; anti-TBK1 antibody

PRODUCT SPECIFICATIONS

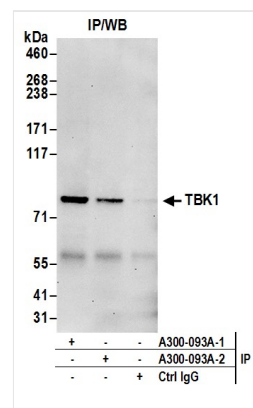
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TBK1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 679 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse TBK1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TBK1 antibody AAA210758 (lot AAA210758-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human TBK1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TBK1 antibody AAA210758 (lot AAA210758-2) used for IP at 6 ug per reaction. TBK1 was also immunoprecipitated by a previous lot of this antibody (lot AAA210758-1). For blotting immunoprecipitated TBK1, AAA210758 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TBK1 antibody	TBK1 is a member of the I-kappa-B kinase (IKK) family that plays a role in embryonic development and in the innate immune response. In response to viral infection, TBK1 activity induces transcription of genes such as IFN-gamma inducible protein (ip10), and interferon beta (ifnb). TBK1 is also implicated in the NF-kappa-B activation pathway which involves phosphorylation of I-kappaB proteins and the release and translocation of the NF-kappa-B complex to the nucleus.
Product Categories/Family for anti-TBK1 antibody	Primary Antibodies

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	84kDa
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
NCBI Protein Information	serine/threonine-protein kinase TBK1; NF-kB-activating kinase; NF-kappa-B-activating kinase
UniProt Protein Name	Serine/threonine-protein kinase TBK1
UniProt Gene Name	TBK1
UniProt Synonym Gene Names	NAK
UniProt Entry Name	TBK1_HUMAN

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/tbk1-antibody-immunoprecipitation-western-blot-elisa/210758>