

Rabbit TNK2 / ACK1 Polyclonal Antibody | anti-TNK2 antibody

Rabbit Polyclonal (IgG) to Human TNK2 / ACK1

CATALOG # AAA52272	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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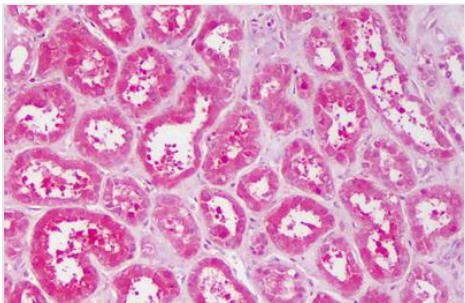
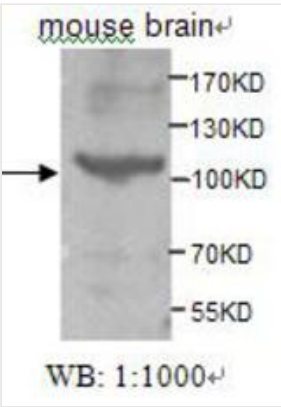
PRODUCT SYNONYMS

TNK2 / ACK1; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human TNK2 / ACK1; Anti-TNK2 / ACK1 Antibody (aa278-289) IHC-plus; TNK2; ACK; Activated p21cdc42Hs kinase; Ack kinase; ACK-1; ACK1; Activated CDC42 kinase 1; p21cdc42Hs; Human TNK2; anti-TNK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Not tested with other proteins.
Purity/Purification	Purified
Form/Format	PBS, pH 7.4, 0.05% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	1038
Applicable Applications for anti-TNK2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide
Immunogen Type	Synthetic peptide
Antigen Modification	aa278-289
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-TNK2 / ACK1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 1.25 ug/ml.

WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-TNK2 antibody	ACK encodes a tyrosine kinase that binds Cdc42Hs in its GTP-bound form and inhibits both the intrinsic and GTPase-activating protein (GAP)-stimulated GTPase activity of Cdc42Hs. This binding is mediated by a unique sequence of 47 amino acids C-terminal to an SH3 domain. The protein may be involved in a regulatory mechanism that sustains the GTP-bound active form of Cdc42Hs and which is directly linked to a tyrosine phosphorylation pathway.
Product Categories/Family for anti-TNK2 antibody	Family: Protein Kinase; Subfamily: ACK

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549666
NCBI GeneID	10188
NCBI Accession #	NP_005772.3
NCBI GenBank Nucleotide #	NM_005781.4
UniProt Accession #	Q07912; Q6ZMQ0; Q8N6U7; Q96H59
Molecular Weight	119,349 Da
NCBI Official Full Name	activated CDC42 kinase 1 isoform 1
NCBI Official Synonym Full Names	tyrosine kinase, non-receptor, 2
NCBI Official Symbol	TNK2
NCBI Official Synonym Symbols	ACK; ACK1; ACK-1; p21cdc42Hs
NCBI Protein Information	activated CDC42 kinase 1; activated p21cdc42Hs kinase; activated Cdc42-associated kinase 1; tyrosine kinase non-receptor protein 2
UniProt Protein Name	Activated CDC42 kinase 1
UniProt Gene Name	TNK2
UniProt Synonym Gene Names	ACK1; ACK-1
UniProt Entry Name	ACK1_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.

