

Rabbit TNK1 Polyclonal Antibody | anti-TNK1 antibody

Phospho-TNK1 (Tyr277) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321408	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

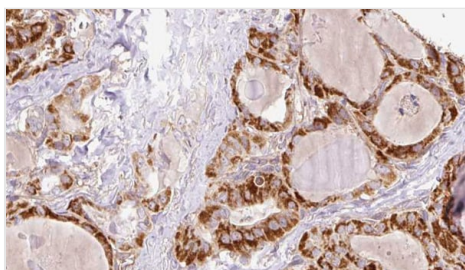
PRODUCT SYNONYMS

TNK1; Polyclonal Antibody; Phospho-TNK1 (Tyr277) Antibody; CD38 negative kinase 1; EC 2.7.10.2; Kinase of embryonic stem cells; Kos 1; Kos1; MGC46193; Non receptor tyrosine protein kinase TNK 1; Non receptor tyrosine protein kinase TNK1; Non-receptor tyrosine-protein kinase TNK1; Tnk 1; Tnk1; TNK1_HUMAN; Tyrosine kinase non receptor 1; anti-TNK1 antibody

PRODUCT SPECIFICATIONS

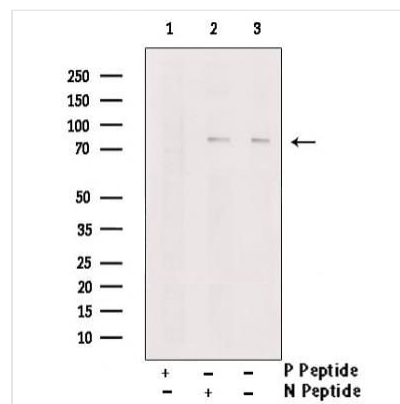
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-TNK1 (Tyr277) antibody detects endogenous levels of TNK1.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TNK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TNK1 around the phosphorylation site of Tyr277.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA321408 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from L-540 cells, using Phospho-TNK1 (Tyr277) Antibody. Lane1 was treated with phospho-blocking peptide, Lane 2 was treated with non-phospho-blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TNK1 antibody	Function: Involved in negative regulation of cell growth. Has tumor suppressor properties. Plays a negative regulatory role in the Ras-MAPK pathway. May function in signaling pathways utilized broadly during fetal development and more selectively in adult tissues and in cells of the lymphohematopoietic system. Could specifically be involved in phospholipid signal transduction. Subunit Structure: Interacts with the SH3 domain of PLCG1 via its Pro-rich domain. Post-translational Modifications: Autophosphorylated on tyrosine residues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	353677981
NCBI GeneID	8711
NCBI Accession #	NP_001238831.1
NCBI GenBank Nucleotide #	NM_001251902.1
UniProt Accession #	Q13470; O95364; Q8IYI4
Molecular Weight	72 kDa
NCBI Official Full Name	non-receptor tyrosine-protein kinase TNK1 isoform 1
NCBI Official Synonym Full Names	tyrosine kinase non receptor 1
NCBI Official Symbol	TNK1
NCBI Protein Information	non-receptor tyrosine-protein kinase TNK1
UniProt Protein Name	Non-receptor tyrosine-protein kinase TNK1
UniProt Gene Name	TNK1

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/tnk1-antibody-immunohistochemistry-western-blot-elisa/321408>