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TNK1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21591b

Product Information

Application	WB, E
Primary Accession	Q13470
Reactivity	Human
Predicted	Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB50687
Calculated MW	72468

Additional Information

Gene ID	8711
Other Names	Non-receptor tyrosine-protein kinase TNK1, CD38 negative kinase 1, TNK1 {ECO:0000312|EMBL:AAC994121}
Target/Specificity	This TNK1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 554-588 amino acids from the C-terminal region of human TNK1.
Dilution	WB~~1:1000- 1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TNK1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TNK1 {ECO:0000312|EMBL:AAC99412.1}
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.
Cellular Location	Cytoplasm. Membrane; Peripheral membrane protein
Tissue Location	Expressed in all umbilical cord blood, bone marrow and adult blood cell sub-populations and in several leukemia cell lines. Highly expressed in fetal blood, brain, lung, liver and kidney Detected at lower levels in adult prostate, testis, ovary, small intestine and colon. Not expressed in adult lung, liver, kidney or brain.

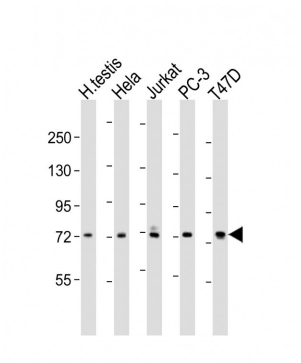
Background

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.

References

Hoehn G.T.,et al.Oncogene 12:903-913(1996).
Hoehn G.T.,et al.Submitted (OCT-1998) to the EMBL/GenBank/DDBJ databases.
Felschow D.M.,et al.Biochem. Biophys. Res. Commun. 273:294-301(2000).
Olsen J.V.,et al.Cell 127:635-648(2006).
Hoare S.,et al.Cancer Res. 68:8723-8732(2008).

Images



All lanes : Anti-TNK1 Antibody (C-term) at 1:1000-1:2000 dilution Lane 1: human testis lysates Lane 2: Hela whole cell lysates Lane 3: Jurkat whole cell lysates Lane 4: PC-3 whole cell lysates Lane 5: T47D whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 72 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.