

**TNK1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21591b**

**Specification**

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**TNK1 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q13470</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	72468

**TNK1 Antibody (C-term) - 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

**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.

**TNK1 Antibody (C-term) - 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

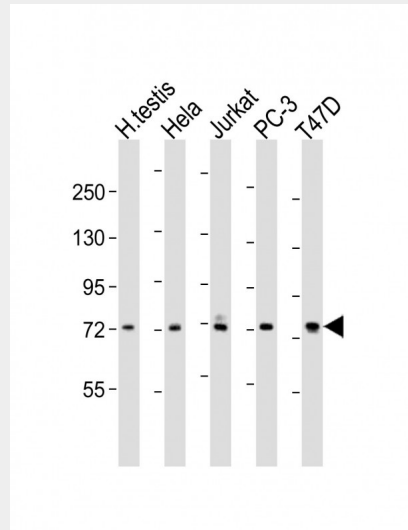
Expressed in all umbilical cord blood, bone marrow and adult blood cell sub-populations and in several leukemia cell lines. Highly expressed in fetal blood, brain, lung, liver and kidney Detected at lower levels in adult prostate, testis, ovary, small intestine and colon. Not expressed in adult lung, liver, kidney or brain.

### TNK1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TNK1 Antibody (C-term) - 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.

### TNK1 Antibody (C-term) - 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.

#### **TNK1 Antibody (C-term) - 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).