

**TNK1 Antibody**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM1861b****Specification**

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**TNK1 Antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q13470</a>
Other Accession	<a href="#">NP_003976.2</a>
Reactivity	Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,K
Calculated MW	72468

**TNK1 Antibody - 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 monoclonal antibody is generated from mouse immunized with TNK1 recombinant protein.

**Dilution**

WB~~1:100~1000

E~~Use at an assay dependent concentration.

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**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 is for research use only and not for use in diagnostic or therapeutic procedures.

**TNK1 Antibody - 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

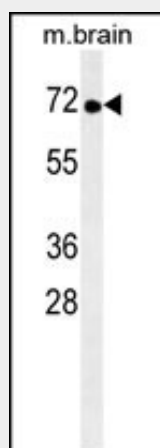
**Tissue Location**

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 - 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 - Images**

TNK1 Antibody (Cat. #AM1861b) western blot analysis in mouse brain tissue lysates (35µg/lane). This demonstrates the TNK1 antibody detected the TNK1 protein (arrow).

**TNK1 Antibody - 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.