

TNK1 Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AM1861b

Specification

TNK1 Antibody - Product Information

Application	WB,E
Primary Accession	O13470
Other Accession	NP_003976.2
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

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

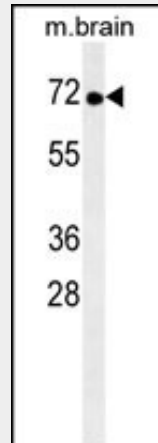
Expressed in all umbilical cord blood, bone marrow and adult blood cell sub-populations and in several leukemia cell lines. Highly expressed in fetal blood, brain, lung, liver and kidney Detected at lower levels in adult prostate, testis, ovary, small intestine and colon. Not expressed in adult lung,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