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TNK1 Antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AM1861b

Product Information

Application	WB, E
Primary Accession	Q13470
Other Accession	NP_003976.2
Reactivity	Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,K
Clone Names	170CT7.5.4
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 monoclonal antibody is generated from mouse immunized with TNK1 recombinant protein.
Dilution	WB~~1:1000 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.

Protein Information

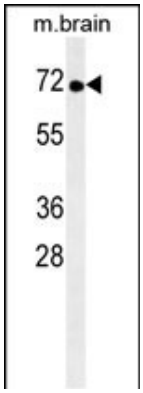
Name	TNK1 {ECO:0000312|EMBL:AAC99412.1}
Function	Involved in negative regulation of cell growth. Has tumor suppressor properties. Plays a negative regulatory role in the Ras-MAPK pathway. May function in signaling pathways utilized broadly during fetal development and more selectively in adult tissues 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.

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).

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