

For Research Use Only

AF-6 Polyclonal antibody

Catalog Number: 55102-1-AP **3 Publications**



Basic Information

Catalog Number: 55102-1-AP	GenBank Accession Number: NM_005936	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop and 820 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4301	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: P55196	
Isotype: IgG	Full Name: myeloid/Lymphoid or mixed-Lineage leukemia (trithorax homolog, Drosophila); translocated to, 4	
	Calculated MW: 207 kDa	
	Observed MW: 182-210 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse kidney tissue, A431 cells, human brain tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: rat, mouse	

Background Information

MLLT4, also named as AF6 and Afadin, belongs to an adhesion system, probably together with the E-cadherin-catenin system, which plays a role in the organization of homotypic, interneuronal and heterotypic cell-cell adherens junctions (AJs). It is a nNectin- and actin-filament-binding protein that connects nectin to the actin cytoskeleton. The antibody is specific to MLLT4.

Notable Publications

Author	Pubmed ID	Journal	Application
Deling Wu	36341818	J Ethnopharmacol	WB
Wei Wang	37679031	Aging (Albany NY)	WB
Joel James	37205391	Res Sq	WB

Storage

Storage:
Store at -20°C.
Storage Buffer:
0.1M NaHCO₃, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

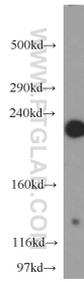
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 55102-1-AP (AF-6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.