

For Research Use Only

# AF-6 Polyclonal antibody

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



## Basic Information

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

## Applications

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

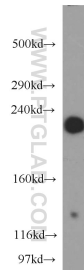
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
0.1M NaHCO<sub>3</sub>, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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## 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.