

For Research Use Only

AF-6 Polyclonal antibody

Catalog Number: 55102-1-AP

3 Publications



Basic Information

Catalog Number:

55102-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 820 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005936

GeneID (NCBI):

4301

UNIPROT ID:

P55196

Full Name:

myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4

Calculated MW:

207 kDa

Observed MW:

182-210 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

rat, mouse

Positive Controls:

WB : mouse kidney tissue, A431 cells, human brain tissue

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

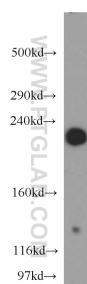
For technical support and original validation data for this product please contact:

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E: proteintech@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.