

For Research Use Only

# MLLT11 Polyclonal antibody, PBS Only

Catalog Number: 12062-1-PBS



## Basic Information

**Catalog Number:**

12062-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2699

**GenBank Accession Number:**

BC009624

**GeneID (NCBI):**

10962

**UNIPROT ID:**

Q13015

**Full Name:**

myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11

**Calculated MW:**

90 aa, 10 kDa

**Observed MW:**

10 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

Mixed-lineage leukemia translocated to 11 (MLLT11), also named ALL1-fused gene from the chromosome 1q (AF1q), which is located in chromosome 1 band 1q21, has been found to be overexpressed in ovarian cancer and to be associated with a poor patient outcome (PMID: 28423573). It is reported that MLLT11 is a pan-neuronal marker, suggesting a role in neural differentiation in the central nervous system and neural crest-cell derived peripheral ganglia (PMID: 24839873).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

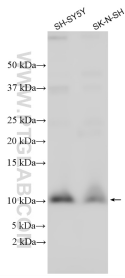
For technical support and original validation data for this product please contact:

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

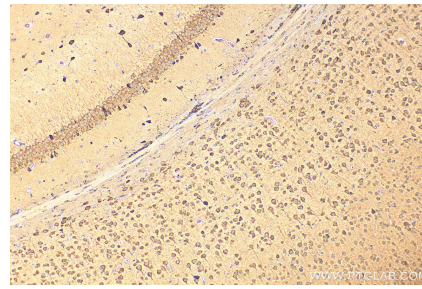
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

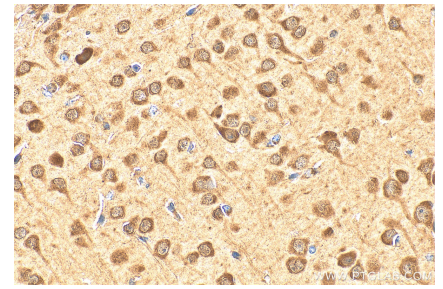
## Selected Validation Data



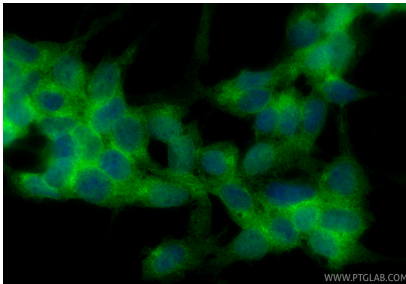
Various lysates were subjected to SDS PAGE followed by western blot with 12062-1-AP (MLLT11 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12062-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12062-1-AP (MLLT11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12062-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12062-1-AP (MLLT11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12062-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using MLLT11 antibody (12062-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 12062-1-PBS in a different storage buffer formulation.