

For Research Use Only

MLL4 Polyclonal antibody

Catalog Number: 31396-1-AP



Basic Information

Catalog Number:

31396-1-AP

Size:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35385

GenBank Accession Number:

BC009337

GeneID (NCBI):

9757

UNIPROT ID:

Q9UMN6

Full Name:

myeloid/lymphoid or mixed-lineage leukemia 4

Observed MW:

180kDa;320kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293T cells, HeLa cells

IF/ICC : U2OS cells,

Background Information

MLL4, also known as KMT2B, which is an essential subunit of the H3K4 methylation complexes, regulates cell type-specific transcriptional programs through enhancer activation. Taspase 1 mediates cleavage of the MLL protein, generating 320 kDa N-terminal (MLL-N) and 180 kDa C-terminal (MLL-C) fragments (PMID: 24213472).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

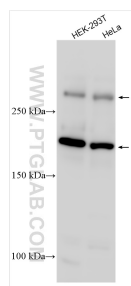
T: 4006900926

E: Proteintech-CN@ptglab.com

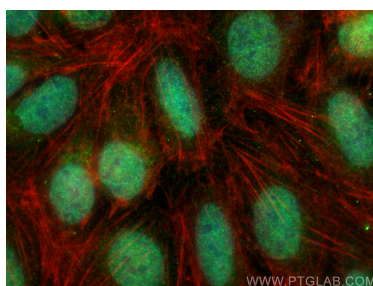
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31396-1-AP (MLL4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MLL4 antibody (31396-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).