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L3MBTL3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20376a

Specification

L3MBTL3 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q96JM7
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**88337**
Antigen Region	**90-116**

L3MBTL3 Antibody (N-term) - Additional Information

Gene ID 84456

Other Names
Lethal(3)malignant brain tumor-like protein 3, H-l(3)mbt-like protein 3, L(3)mbt-like protein 3, MBT-1, L3MBTL3, KIAA1798, MBT1

Target/Specificity
This L3MBTL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-116 amino acids from the N-terminal region of human L3MBTL3.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
L3MBTL3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

L3MBTL3 Antibody (N-term) - Protein Information

Name L3MBTL3 (HGNC:23035)

Synonyms KIAA1798, MBT1

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Function Is a negative regulator of Notch target genes expression, required for RBPJ-mediated transcriptional repression (PubMed:29030483). It recruits KDM1A to Notch-responsive elements and promotes KDM1A-mediated H3K4me demethylation (PubMed:29030483). Involved in the regulation of ubiquitin-dependent degradation of a set of methylated non-histone proteins, including SOX2, DNMT1 and E2F1. It acts as an adapter recruiting the CRL4-DCAF5 E3 ubiquitin ligase complex to methylated target proteins (PubMed:30442713, PubMed:29691401). Required for normal maturation of myeloid progenitor cells (By similarity).

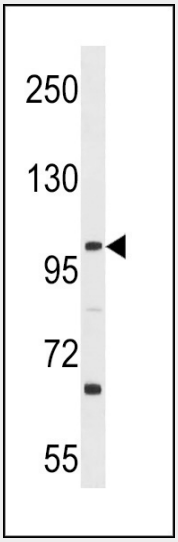
Cellular Location
Nucleus.

L3MBTL3 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

L3MBTL3 Antibody (N-term) - Images



L3MBTL3 Antibody (N-term) (Cat. #AP20376a) western blot analysis in Ramos cell line lysates (35ug/lane).This demonstrates the L3MBTL3 antibody detected the L3MBTL3 protein (arrow).

L3MBTL3 Antibody (N-term) - Background

Putative Polycomb group (PcG) protein. PcG proteins maintain the transcriptionally repressive state of genes, probably via a modification of chromatin, rendering it heritably changed in its expressibility. Required for normal maturation of myeloid progenitor cells (By similarity).