

Datasheet for ABIN7158005
anti-L3MBTL1 antibody (AA 513-752)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	L3MBTL1
Binding Specificity:	AA 513-752
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This L3MBTL1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Lethal(3)malignant brain tumor-like protein 1 protein (513-752AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	L3MBTL1
Alternative Name:	L3MBTL1 (L3MBTL1 Products)
Background:	Background: Polycomb group (PcG) protein that specifically recognizes and binds mono- and dimethyllysine residues on target proteins, thereby acting as a 'reader' of a network of post-

Target Details

translational modifications. PcG proteins maintain the transcriptionally repressive state of genes: acts as a chromatin compaction factor by recognizing and binding mono- and dimethylated histone H1b/HIST1H1E at '\\Lys-26\\' (H1bK26me1 and H1bK26me2) and histone H4 at '\\Lys-20\\' (H4K20me1 and H4K20me2), leading to condense chromatin and repress transcription. Recognizes and binds p53/TP53 monomethylated at '\\Lys-382\\', leading to repress p53/TP53-target genes. Also recognizes and binds RB1/RB monomethylated at '\\Lys-860\\'. Participates in the ETV6-mediated repression. Probably plays a role in cell proliferation. Overexpression induces multinucleated cells, suggesting that it is required to accomplish normal mitosis.

Aliases: dJ138B7.3 antibody, H-L(3)MBT antibody, H-l(3)mbt protein antibody, KIAA0681 antibody, L(3)mbt protein homolog antibody, L(3)mbt-like antibody, L3MBT antibody, L3MBTL antibody, L3MBTL1 antibody, Lethal (3) malignant brain tumor l(3 antibody, Lethal(3)malignant brain tumor-like protein 1 antibody, LMBL1_HUMAN antibody, RGD1307316 antibody, ZC2HC3 antibody

UniProt: [Q9Y468](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

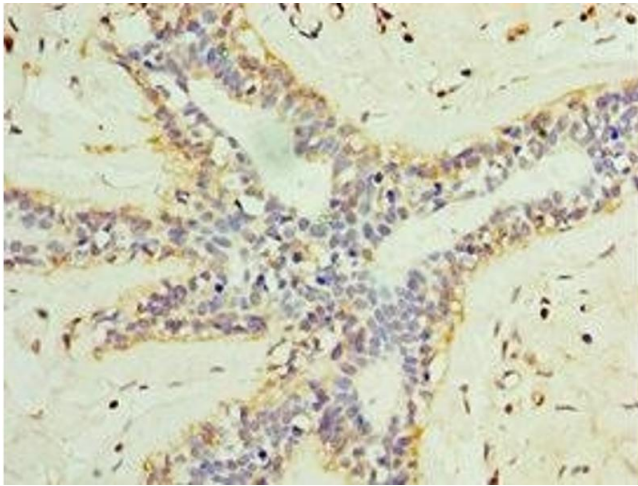
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7158005 at dilution of 1:100