


Product datasheet

Anti-L3MBTL2 antibody ab101272

2 Images

Overview

Product name	Anti-L3MBTL2 antibody
Description	Rabbit polyclonal to L3MBTL2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, IP
Species reactivity	Reacts with: Human Predicted to work with: Cow, Chimpanzee, Gorilla, Orangutan 
Immunogen	Synthetic peptide corresponding to a region between residue 655 and 705 of Human L3MBTL2 (NP_113676.2).
Positive control	HeLa whole cell lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
Purity	Immunogen affinity purified
Purification notes	ab101272 was affinity purified using an epitope specific to L3MBTL2 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab101272 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/1000 - 1/5000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		Use at 2-5 µg/mg of lysate.

Target

Function

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. Its association with a chromatin-remodeling complex suggests that it may contribute to prevent expression of genes that trigger the cell into mitosis. Binds to monomethylated and dimethylated 'Lys-20' on histone H4. Binds histone H3 peptides that are monomethylated or dimethylated on 'Lys-4', 'Lys-9' or 'Lys-27'.

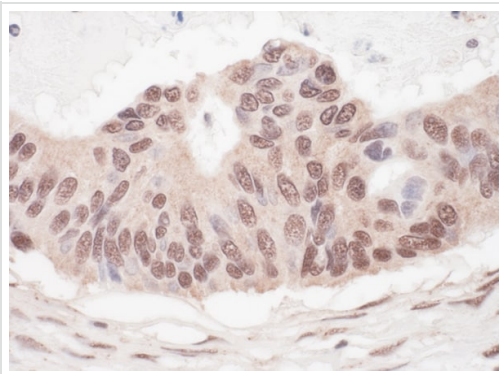
Sequence similarities

Contains 1 FCS-type zinc finger.
Contains 4 MBT repeats.

Cellular localization

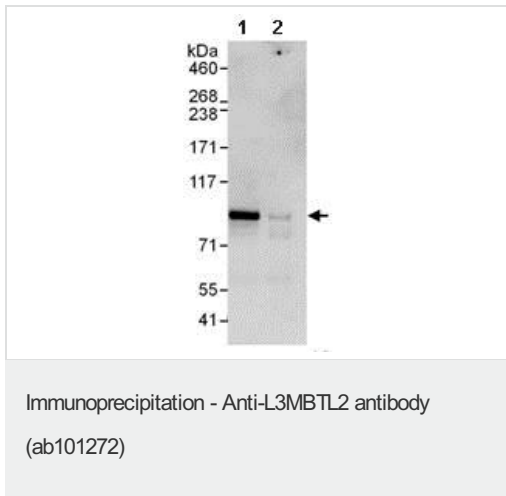
Nucleus.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling L3MBTL2 with ab101272 at 1/1000 (1 µg/ml).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-L3MBTL2 antibody (ab101272)



Detection of L3MBTL2 in Immunoprecipitates of HeLa whole cell lysate (1 mg for IP, 20% of IP loaded) using ab101272 at 3 µg/mg lysate for IP (Lane 1). An anti-L3MBTL2 antibody which recognizes an upstream epitope was used in Lane 2, and also for the subsequent WB detection at 1 µg/ml. Lane 3 represents control IgG. Detection: Chemiluminescence with an exposure time of 30 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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