

Product datasheet

Anti-L3MBTL2 antibody ab64422

1 Image

Overview

Product name	Anti-L3MBTL2 antibody
Description	Rabbit polyclonal to L3MBTL2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Horse, Cow, Cat, Dog, Pig
Immunogen	Synthetic peptide: LLEDDPQGAR KISSEPVPGE IIAVRVKEEH LDVASPKAS SPELPVSVEN, corresponding to a region within C terminal amino acids 649-698 of Human L3MBTL2 Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Transfected 293T cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab64422** in the following tested applications.

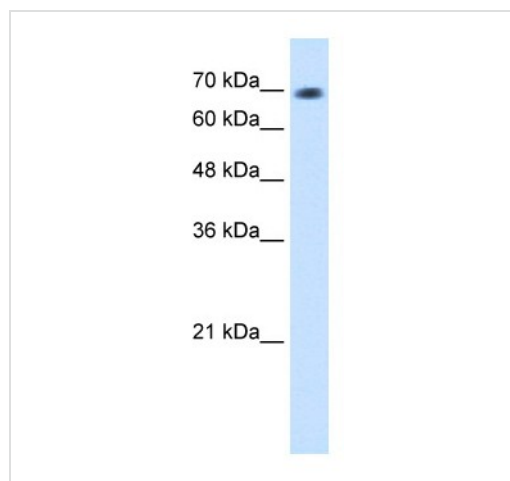
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1.25 µg/ml. Detects a band of approximately 70 kDa (predicted molecular weight: 79 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

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



Western blot - L3MBTL2 antibody (ab64422)

Anti-L3MBTL2 antibody (ab64422) at 1.25 µg/ml + Transfected 293T cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 79 kDa

Observed band size: 70 kDa

Diluted in 5% skim milk / PBS buffer, gel concentration 12%

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