



Datasheet for ABIN2778379
anti-L3MBTL2 antibody (C-Term)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	L3MBTL2
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Cow, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This L3MBTL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human L3MBTL2
Sequence:	LLEDDPQGAR KISSEPVPE IIAVRVKEEH LDVASPKAS SPELPVSVEN
Predicted Reactivity:	Cow: 85%, Dog: 85%, Horse: 85%, Human: 100%, Pig: 92%
Characteristics:	This is a rabbit polyclonal antibody against L3MBTL2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	L3MBTL2
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Target Details

Alternative Name:	L3MBTL2 (L3MBTL2 Products)
Background:	<p>L3MBTL2 contains 1 FCS-type zinc finger and 4 MBT repeats. It is 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.</p> <p>Alias Symbols: H-I(3)mbt-l, L3MBT</p> <p>Protein Interaction Partner: TRIM42, STAC3, PHF10, TBC1D9B, PAICS, AES, SUMO2, SUMO1, PIAS1, HIST1H4A, HIST1H3A, RNF2, MPP3, PCGF6, RYBP, YAF2, SMARCAD1, HIST4H4, CBX3, HIST3H3, E2F6, Lin54, HDAC3, MEAF6, STAM2, RB1,</p> <p>Protein Size: 705</p>
Molecular Weight:	79 kDa
Gene ID:	83746
NCBI Accession:	NM_031488 , NP_113676
UniProt:	Q969R5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 705 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Wang, Mueller, Hertel, Cambi: "G Run-mediated recognition of proteolipid protein and DM20 5' splice sites by U1 small nuclear RNA is regulated by context and proximity to the splice site." in: **The Journal of biological chemistry**, Vol. 286, Issue 6, pp. 4059-71, (2011) ([PubMed](#)).

Wang, Cambi: "Heterogeneous nuclear ribonucleoproteins H and F regulate the proteolipid protein/DM20 ratio by recruiting U1 small nuclear ribonucleoprotein through a complex array of G runs." in: **The Journal of biological chemistry**, Vol. 284, Issue 17, pp. 11194-204, (2009) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-L3MBTL2 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: Transfected 293T