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anti-L3MBTL2 antibody (C-Term)



Overview

Target Details

Target:



Publication



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 KISSEPVPGE IIAVRVKEEH LDVASPDKAS 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

L3MBTL2

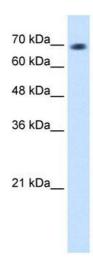
Target Details

Target Details	
Alternative Name:	L3MBTL2 (L3MBTL2 Products)
Background:	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.
	Alias Symbols: H-I(3)mbt-I, L3MBT
	Protein Interaction Partner: TRIM42, STAC3, PHF10, TBC1D9B, PAICS, AES, SUM02, SUM01,
	PIAS1, HIST1H4A, HIST1H3A, RNF2, MPP3, PCGF6, RYBP, YAF2, SMARCAD1, HIST4H4, CBX3
	HIST3H3, E2F6, Lin54, HDAC3, MEAF6, STAM2, RB1,
	Protein Size: 705
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

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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.
	aliquots to prevent neeze thaw eyeles.
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

Images



PubMed).

Western Blotting

G runs." in: The Journal of biological chemistry, Vol. 284, Issue 17, pp. 11194-204, (2009) (

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