

## TECHNICAL DATASHEET

# L3MBTL2 polyclonal antibody - Classic

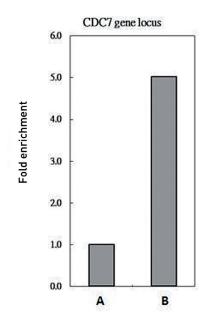
Cat. No. C15410238	Specificity: Human	
Type: Polyclonal	Purity: Purified by peptide affinity chromatography.	
Source: Rabbit	<b>Storage:</b> Store at -20°C; for long storage, store at -80°C.	
Lot #: 40009	Avoid multiple freeze-thaw cycles.	
<b>Size:</b> 25 μl/100 μl	<b>Precautions:</b> This product is for research use only. Not for	
Concentration: 1 µg/µl	use in diagnostic or therapeutic procedures.	

### **Applications**

	Suggested dilution*	Results
ChIP assay	5μg/ChIP	Figure 1
Immunoprecipitation	1:500-1:1,000	Figure 2
Western blot	1:500-1:3,000	Figure 3

\*Optimal dilutions/concentrations should be determined by the researcher.

### Results

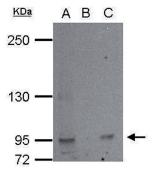


### Figure 1. L3MBTL2 ChIP results

L3MBTL2 antibody immunoprecipitates L3MBTL2 protein-DNA in ChIP experiments. ChIP Sample: HeLa chromatin extract A. 5  $\mu$ g preimmune rabbit IgG B. 5  $\mu$ g of L3MBTL2 antibody. The precipitated DNA was detected by PCR with primer set targeting to CDC7 gene locus.

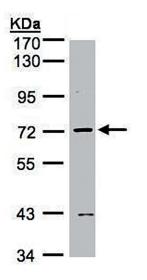


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#### Figure 2. L3MBTL2 IP results

L3MBTL2 antibody immunoprecipitates L3MBTL2 protein in IP experiments. IP Sample: 1000  $\mu$ g HeLa whole cell lysate/extract A. 40  $\mu$ g HeLa whole cell lysate/extract B. Control with 2.5  $\mu$ g of preimmune rabbit IgG C. Immunoprecipitation of L3MBTL2 protein by 2.5  $\mu$ g of L3MBTL2 antibody. The immunoprecipitated L3MBTL2 protein was detected by western blot with the L3MBTL2 antibody diluted at a 1:1,000.



#### Figure 3. L3MBTL2 Western blot results

Sample: 30 µg MOLT4 whole cell lysate 7.5% SDS PAGE L3MBTL2 antibody diluted 1:1,000

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