

For Research Use Only

LMO1 Polyclonal antibody

Catalog Number: 26932-1-AP



Basic Information

Catalog Number: 26932-1-AP	GenBank Accession Number: BC069793	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 4004	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: P25800	
Isotype: IgG	Full Name: LIM domain only 1 (rhombotin 1)	
Immunogen Catalog Number: AG25607	Calculated MW: 18 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	

Background Information

LOM1 (LIM Domain Only 1), as a Protein Coding gene, encodes a cysteine-rich, two LIM domain transcriptional regulator. It may be involved in gene regulation within neural lineage cells potentially by direct DNA binding or by binding to other transcription factors. A chromosomal aberration involving LMO1 may be a cause of a form of T-cell acute lymphoblastic leukemia (T-ALL)(Uniprot). Diseases associated with LMO1 include T-Cell Acute Lymphoblastic Leukemia and Neuroblastoma (PMID:31830377). The downstream of LMO1-regulatory cascade includes a tumor-promoting LIM51/ILK pathway, which has a potential to be a novel therapeutic target (PMID: 29695398). The molecular weight of LMO1 is 18 kDa.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

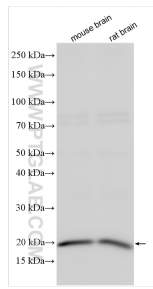
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26932-1-AP (LMO1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.