

For Research Use Only

LMO1 Polyclonal antibody, PBS Only

Catalog Number: 26932-1-PBS



Basic Information

Catalog Number: 26932-1-PBS	GenBank Accession Number: BC069793	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4004	
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, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS only, pH7.3

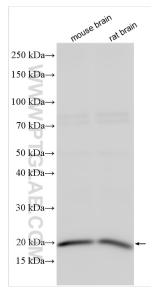
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 26932-1-PBS in a different storage buffer formulation.