

For Research Use Only

LMO7 Recombinant antibody

Catalog Number: 84495-4-RR



Basic Information

Catalog Number: 84495-4-RR	GenBank Accession Number: NM_005358	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 4008	CloneNo.: 241781D11
Source: Rabbit	UNIPROT ID: Q8WWI1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: LIM domain 7	
Immunogen Catalog Number: AG30016	Calculated MW: 193 kDa	
	Observed MW: 150 kDa, 180 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, A431 cells, A549 cells, MDA-MB-231 cells
Species Specificity: human	

Background Information

LMO7, also known as LOMP, FBX20, belongs to the single Calponin-homology (CH) domain-containing protein family, with a single actin-binding CH domain at the amino terminal end (PMID: 19459066). LMO7 also contains a PDZ domain and a carboxyl-terminal LIM domain, both of which have been described as protein-protein interacting domains (PMID: 15140894). LMO7 encodes three splice variants of calculated molecular weights of 196 kDa (P200), 157 kDa (P150), and 100 kDa (P100) (PMID: 26157009).

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

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

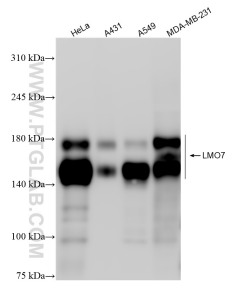
T: 4006900926

E: Proteintech-CN@ptglab.com

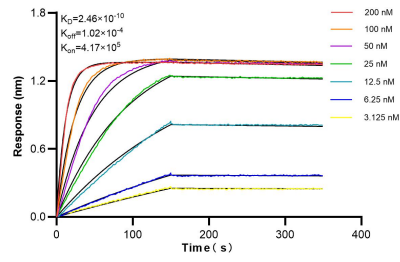
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84495-4-RR (LMO7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84495-4-RR against Human LMO7 were performed. The affinity constant is 0.246 nM.