

For Research Use Only

LMO7 Polyclonal antibody, PBS Only

Catalog Number: 29392-1-PBS

Featured Product



Basic Information

Catalog Number:

29392-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30016

GenBank Accession Number:

NM_005358

GeneID (NCBI):

4008

UNIPROT ID:

Q8WWI1

Full Name:

LIM domain 7

Calculated MW:

193 kDa

Observed MW:

140-160 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

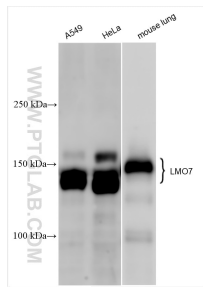
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

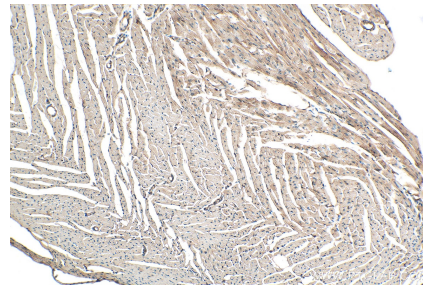
E: proteintech@ptglab.com
W: ptglab.com

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

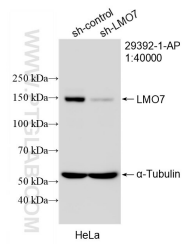
Selected Validation Data



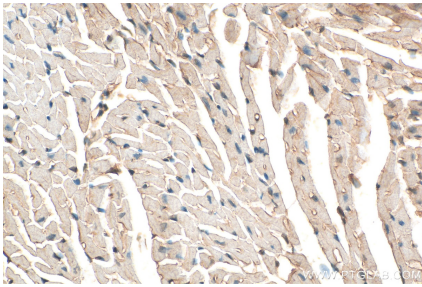
Various lysates were subjected to SDS PAGE followed by western blot with 29392-1-AP (LMO7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29392-1-PBS in a different storage buffer formulation.



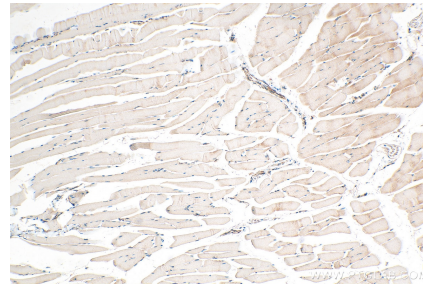
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 29392-1-AP (LMO7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29392-1-PBS in a different storage buffer formulation.



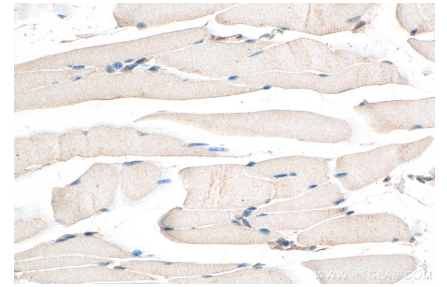
WB result of LMO7 antibody (29392-1-AP; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LMO7 transfected HeLa cells. This data was developed using the same antibody clone with 29392-1-PBS in a different storage buffer formulation.



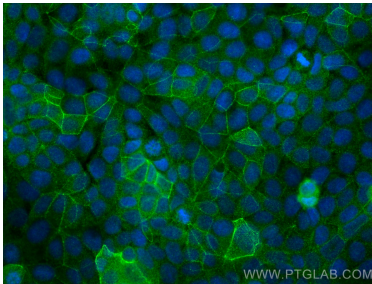
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 29392-1-AP (LMO7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29392-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 29392-1-AP (LMO7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29392-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 29392-1-AP (LMO7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29392-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using LMO7 antibody (29392-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 29392-1-PBS in a different storage buffer formulation.