

For Research Use Only

Entactin Recombinant monoclonal antibody

Catalog Number: 86456-1-RR



Basic Information

Catalog Number:	86456-1-RR	GenBank Accession Number:	NM_010917.3	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	18073	CloneNo.:	251203H4
Source:	Rabbit	UNIPROT ID:	P10493	Recommended Dilutions:	WB: 1:5000-1:50000 IHC: 1:2000-1:8000 IF-P: 1:250-1:1000
Isotype:	IgG	Full Name:	nidogen 1		
Immunogen Catalog Number:	EG3030	Calculated MW:	137 kDa		
		Observed MW:	150 kDa		

Applications

Tested Applications:	WB, IHC, IF-P, ELISA	Positive Controls:	
Species Specificity:	mouse, rat	WB:	mouse heart tissue, rat heart tissue, mouse skeletal muscle tissue
		IHC:	mouse heart tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0		IF-P:	mouse heart tissue,

Background Information

Nidogen 1 (Entactin), first identified from a basement membrane-secreting cell line and the murine EHS tumor, is together with perlecan, laminin, and collagen IV, a ubiquitous component of basement membranes (PMID: 19530222). Nidogen-1 is made by mesenchymal cells and is incorporated into the epithelial BM. It is a sulfated glycoprotein of 150 kDa with three globular domains, G1, G2 and G3, and contains binding sites for other ECM molecules (PMID: 10958695, 10671374).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

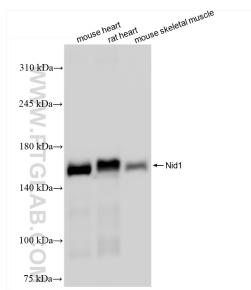
T: 4006900926

E: Proteintech-CN@ptglab.com

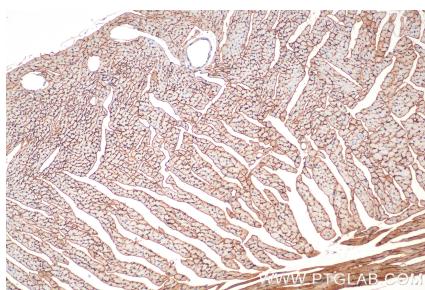
W: ptgcn.com

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 86456-1-RR (Entactin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse heart tissue using Entactin antibody (86456-1-RR, Clone: 251203H4) at dilution of 1:500 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).