

For Research Use Only

P3H3 Recombinant monoclonal antibody

Catalog Number: 86813-1-RR



Basic Information

Catalog Number: 86813-1-RR	GenBank Accession Number: BC017217	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 10536	CloneNo.: 251845H1
Isotype: IgG	UNIPROT ID: Q8IVL6	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG8850	Full Name: leprecan-like 2	
	Calculated MW: 736 aa, 82 kDa	
	Observed MW: 82 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MDA-MB-453 cells, NIH/3T3 cells, mouse ovary tissue, rat ovary tissue, rat testis tissue
Species Specificity: human, mouse, rat	

Background Information

P3H3 (prolyl 3-hydroxylase 3, also known as LEPREL2) is a member of the leprecan family of proteins, which also include P3H1, P3H2, CRTAP and SC56. Collagen prolyl hydroxylases are required for proper collagen biosynthesis, folding, and assembly. P3H3 is thought to reside in the endoplasmic reticulum and has prolyl 3-hydroxylase activity catalyzing the post-translational formation of 3-hydroxyproline in -Xaa-Pro-Gly-sequences in collagens, especially types IV and V.

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:

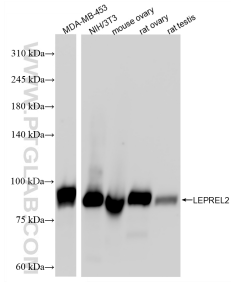
T: 4006900926

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 86813-1-RR (LEPREL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.