

For Research Use Only

P3H3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86813-1-PBS



Basic Information

Catalog Number: 86813-1-PBS	GenBank Accession Number: BC017217	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10536	CloneNo.: 251845H1
Source: Rabbit	UNIPROT ID: Q8IVL6	
Isotype: IgG	Full Name: leprecan-like 2	
Immunogen Catalog Number: AG8850	Calculated MW: 736 aa, 82 kDa	
	Observed MW: 82 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS only, pH7.3

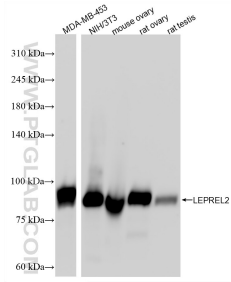
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86813-1-RR (LEPREL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86813-1-PBS in a different storage buffer formulation.