

For Research Use Only

# P3H3 Recombinant monoclonal antibody

Catalog Number: 86813-1-RR



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>86813-1-RR                           | <b>GenBank Accession Number:</b><br>BC017217 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>10536               | <b>CloneNo.:</b><br>251845H1                          |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>Q8IVL6                 | <b>Recommended Dilutions:</b><br>WB: 1:5000-1:50000   |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>leprecan-like 2         |   |
| <b>Immunogen Catalog Number:</b><br>AG8850                     | <b>Calculated MW:</b><br>736 aa, 82 kDa      |   |
|  | <b>Observed MW:</b><br>82 kDa                |   |

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human, mouse, rat

**Positive Controls:**

WB : MDA-MB-453 cells, NIH/3T3 cells, mouse ovary tissue, rat ovary tissue, rat testis tissue

## 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

\*\*\* 20ul sizes contain 0.1% BSA

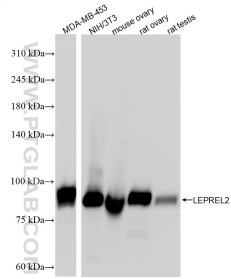
For technical support and original validation data for this product please contact:

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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.