

Rabbit Anti-LEPREL2 antibody

SL6068R

Product Name LEPREL2

Chinese Name 皮屑样蛋白 2 抗体

Alias B protein; gene rich cluster B; GRCB; HSU47926; leprecan like 2; leprecan like 2 protein; Leprecan like protein 2; P3H3; prolyl 3 hydroxylase 3; P3H3_HUMAN.

Research Area Tumour immunology Signal transduction Cytoskeleton

Immunogen Species Rabbit

Clonality Polyclonal

React Species Rat(predicted:Human,Mouse,Dog,Pig,Cow,Rabbit)

Applications IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 79kDa

Cellular localization cytoplasmic

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human LEPREL2: 351-450/736

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product LEPREL2 belongs to a family of collagen prolyl hydroxylases required for proper

Detail collagen biosynthesis, folding, and assembly.

Function:

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 (By similarity).

Subcellular Location:

Endoplasmic reticulum.

Tissue Specificity:

Weak expression in heart, lung, ovary and skeletal muscle.

Similarity:

Belongs to the leprecan family.

Contains 1 Fe2OG dioxygenase domain.

Contains 4 TPR repeats.

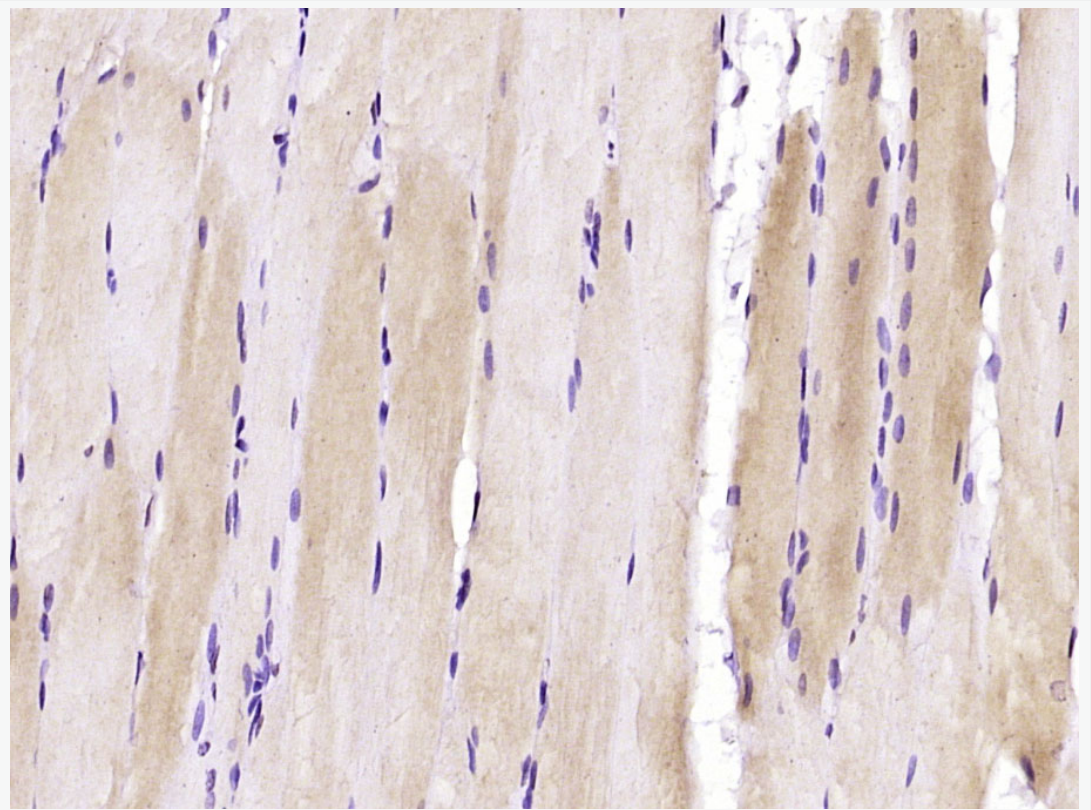
SWISS:

Q8IVL6

Gene ID:

10536

**Product
Picture**



Paraformaldehyde-fixed, paraffin embedded (rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LEPREL2) Polyclonal Antibody, Unconjugated (SL6068R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.