

LEPREL2 Rabbit pAb

LEPREL2 Rabbit pAb Catalog # AP58369

Product Information

Application IHC-P, IHC-F, IF **Reactivity** Pig, Mouse, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 79 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived from human LEPREL2

Epitope Specificity 351-450/736

Isotype IgG

Purity affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Endoplasmic reticulum.

SIMILARITY Belongs to the leprecan family.Contains 1 Fe2OG dioxygenase

domain. Contains 4 TPR repeats.

Important Note This product as supplied is intended for research use only, not for use in

human, therapeutic or diagnostic applications.

Background Descriptions LEPREL2 belongs to a family of collagen prolyl hydroxylases required for

proper collagen biosynthesis, folding, and assembly.

Additional Information

Other Names Prolyl 3-hydroxylase 3 {ECO:0000312 | HGNC:HGNC:19318}, 1.14.11.7,

Leprecan-like protein 2, Protein B, P3H3 (<u>HGNC:19318</u>)

Target/Specificity Weak expression in heart, lung, ovary and skeletal muscle.

Dilution IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

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

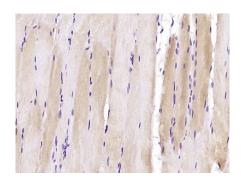
reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Background

LEPREL2 belongs to a family of collagen prolyl hydroxylases required for proper collagen biosynthesis, folding, and assembly.

Images



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 (AP58369) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.