LEPRE1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LEPRE1, Polyclonal Antibody
Full Product Name	LEPRE1 (Prolyl 3-Hydroxylase 1, Growth Suppressor 1, Leucine-and Proline-enriched Proteoglycan 1, Leprecan-1, LEPRE1, GROS1, P3H1) (HRP)
Product Gene Name	anti-LEPRE1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human LEPRE1. Species Crossreactivity: human
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates.
Molecular Weight	83,394 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (43212006..43232755, complement). Location: 1p34.1
OMIM	610339
3D Structure	ModBase 3D Structure for Q32P28
Immunogen	KLH conjugated synthetic peptide corresponding to aa499-533 at the Central region of human LEPRE1. Species sequence homology: mouse, rat
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-LEPRE1 antibody	Antibodies; Extracellular Matrix Proteins
Applications Tested/Suitable for anti-LEPRE1 antibody	Western Blot (WB)
Application Notes for anti-LEPRE1 antibody	WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-LEPRE1 antibody	MBS6456903 is an antibody targeting LEPRE1. Also known as LEPRE1 (Prolyl 3-Hydroxylase 1, Growth Suppressor 1, Leucine-and Proline-enriched Proteoglycan 1, Leprecan-1, LEPRE1, GROS1, P3H1) (HRP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-LEPRE1 antibody	Kaul S.C., et al. Oncogene 19:3576-3583(2000). Ota T., et al. Nat. Genet. 36:40-45(2004). Otsuki T., et al. DNA Res. 12:117-126(2005). Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Cabral W.A., et al. Nat. Genet. 39:359-365(2007).

Other Notes	Small volumes of anti-LEPRE1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LEPRE1. It may not necessarily be applicable to this product.

NCBI GI #	186928835
NCBI GeneID	64175
NCBI Accession #	NP_071751.3
UniProt Primary Accession #	Q32P28
UniProt Secondary Accession #	Q9R1J8; Q3V1T4
UniProt Related Accession #	Q32P28; Q68CW0
GenBank Nucleotide #	NM_022356.3
NCBI Official Full Name	prolyl 3-hydroxylase 1 isoform 1
NCBI Official Synonym Full Names	leucine proline-enriched proteoglycan (leprecan) 1
NCBI Official Symbol	LEPRE1
NCBI Official Synonym Symbols	OI8; P3H1; GROS1; MGC117314
UniProt Protein Name	Prolyl 3-hydroxylase 1
UniProt Synonym Protein Names	Growth suppressor 1; Leucine- and proline-enriched proteoglycan 1
UniProt Gene Name	LEPRE1
UniProt Synonym Gene Names	GROS1; P3H1
UniProt Entry Name	P3H1_HUMAN
NCBI Protein Information	prolyl 3-hydroxylase 1; leprecan; OTTHUMP00000008735; OTTHUMP00000008736; growth suppressor 1; leucine- and proline-enriched proteoglycan 1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.