10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LRP3 Rabbit pAb

Catalog # AP100118

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	O75074
Other Accession	O75074
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82884
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LRP3
Epitope Specificity	31-130/770
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the LDLR family. Contains 2 CUB domains. Contains 4 LDL-receptor class A domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Low-density lipoprotein receptor-related protein 3 (LRP3) is a 770 amino acid protein that contains two CUB domains and four LDL-receptor class A domains. LRP3 is widely expressed with highest expression in skeletal muscle and ovary and lowest expression in testis, colon and leukocytes. LRP3 is potentially a membrane receptor involved in the internalization of lipophilic molecules and/or signal transduction.

Additional Information

Gene ID	4037
Other Names	LRP3_HUMAN; LRP3; LRP-3; 105 kDa low-density lipoprotein receptor-related protein (hLRp105); LRP3_RAT; 105 kDa low-density lipoprotein receptor-related protein (rLRp105); Lrp105; LDL receptor related protein 3; low density lipoprotein receptor-related protein 3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

Protein Information

Name	LRP3
Function	Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. Its precise role is however unclear, since it does not bind to very low density lipoprotein (VLDL) or to LRPAP1 in vitro.
Cellular Location	Membrane; Single-pass type I membrane protein. Membrane, coated pit
Tissue Location	Widely expressed. Highly expressed in skeletal muscle and ovary. Expressed at intermediate level in heart, brain, liver, pancreas, prostate and small intestine. Weakly expressed in testis, colon and leukocyte.

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