

LRP2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10973
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 2890-2970
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	Low-density lipoprotein receptor-related protein 2
Synonyms	Low-density lipoprotein receptor-related protein 2 ;LRP-2;Glycoprotein 330;gp330;Megalin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene, low density lipoprotein-related protein 2 (LRP2) or megalin, is a multi-ligand endocytic receptor that is expressed in many different tissues but primarily in absorptive epithelial tissues such as the kidney. This glycoprotein has a large amino-terminal extracellular domain, a single transmembrane domain, and a short carboxy-terminal cytoplasmic tail. The extracellular ligand-binding-domains bind diverse macromolecules including albumin, apolipoproteins B and E, and lipoprotein lipase. The LRP2 protein is critical for the reuptake of numerous ligands, including lipoproteins, sterols, vitamin-binding proteins, and hormones. This protein also has a role in cell-signaling; extracellular ligands include parathyroid hormones and the morphogen sonic hedgehog while cytosolic ligands include MAP kinase scaffold proteins and JNK interacting proteins. Recycling of th

Recommended Dilution

IHC-p: 1: 50 - 1: 300

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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