

# 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 epithilial tissues such as the kidney. This glycoprotein has a large aminoterminal 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