

Rabbit LRP2 Polyclonal Antibody | anti-LRP2 antibody

LRP2 Polyclonal Antibody

CATALOG # AAA167633	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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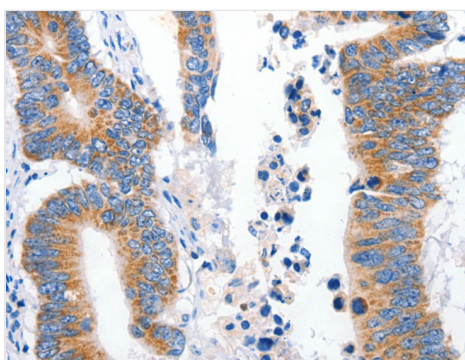
PRODUCT SYNONYMS

LRP2; Polyclonal Antibody; LRP2 Polyclonal Antibody; DBS; GP330; anti-LRP2 antibody

PRODUCT SPECIFICATIONS

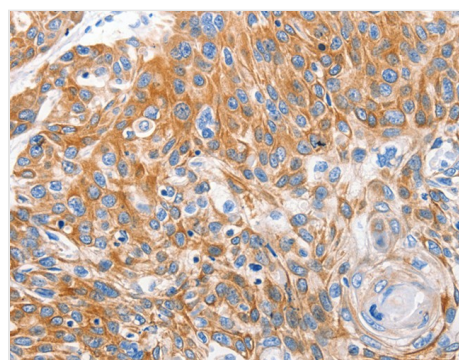
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.5mg/mL (varies by lot)
Sequence Length	4655
Applicable Applications for anti-LRP2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human LRP2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using LRP2 Polyclonal Antibody at dilution 1:16



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using LRP2 Polyclonal Antibody at dilution 1:16

ADDITIONAL INFORMATION

Related Product Information for anti-LRP2 antibody	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 this membrane receptor is regulated by phosphorylation of its cytoplasmic domain. Mutations in this gene cause Donnai-Barrow syndrome (DBS) and facio-oculoacoustico-renal syndrome (FOAR).
Product Categories/Family for anti-LRP2 antibody	Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	126012573
NCBI GeneID	4036
NCBI Accession #	NP_004516.2
NCBI GenBank Nucleotide #	NM_004525.2
Molecular Weight	521,958 Da
NCBI Official Full Name	low-density lipoprotein receptor-related protein 2
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein 2
NCBI Official Symbol	LRP2
NCBI Official Synonym Symbols	DBS; GP330
NCBI Protein Information	low-density lipoprotein receptor-related protein 2; Heymann nephritis antigen homolog; LRP-2; calcium sensor protein; glycoprotein 330; megalin
UniProt Protein Name	Low-density lipoprotein receptor-related protein 2
UniProt Gene Name	LRP2
UniProt Synonym Gene Names	LRP-2; gp330
UniProt Entry Name	LRP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lrp2-antibody-immunohistochemistry-elisa/167633>