

LRP6 Rabbit Polyclonal Antibody



CAB13324

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

170kDa

Calculated MW:

180kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the low density lipoprotein (LDL) receptor gene family. LDL receptors are transmembrane cell surface proteins involved in receptor-mediated endocytosis of lipoprotein and protein ligands. The protein encoded by this gene functions as a receptor or, with Frizzled, a co-receptor for Wnt and thereby transmits the canonical Wnt/beta-catenin signaling cascade. Through its interaction with the Wnt/beta-catenin signaling cascade this gene plays a role in the regulation of cell differentiation, proliferation, and migration and the development of many cancer types. This protein undergoes gamma-secretase dependent RIP- (regulated intramembrane proteolysis) processing but the precise locations of the cleavage sites have not been determined.

Immunogen information

Gene ID:

4040

Uniprot

O75581

Synonyms:

LRP6; ADCAD2; STHAG7

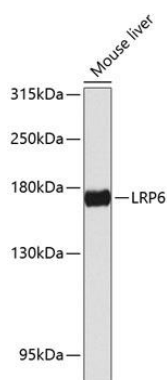
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 20-150 of human LRP6 (NP_002327.2).

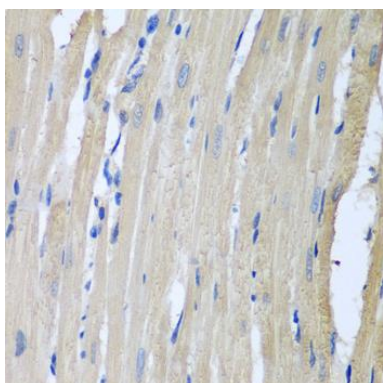
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

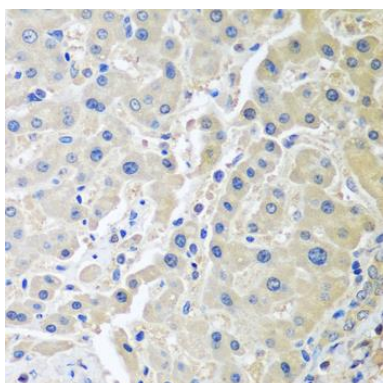
Product Images



Western blot analysis of extracts of mouse liver, using LRP6 antibody (CAB13324) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded rat heart using LRP6 antibody (CAB13324) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using LRP6 antibody (CAB13324) at dilution of 1:100 (40x lens).