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LRP5 Rabbit pAb

Catalog No.: A0130

6 Publications

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Basic Information

Observed MW
180-200 kDa

Calculated MW
179 kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross Reactivity
Human, Rat

Background

This gene encodes a transmembrane low-density lipoprotein receptor that binds and internalizes ligands in the process of receptor-mediated endocytosis. This protein also acts as a co-receptor with Frizzled protein family members for transducing signals by Wnt proteins and was originally cloned on the basis of its association with type 1 diabetes mellitus in humans. This protein plays a key role in skeletal homeostasis and many bone density related diseases are caused by mutations in this gene. Mutations in this gene also cause familial exudative vitreoretinopathy. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:1000 - 1:3000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
4041

Swiss-Prot
O75197

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
HBM; LR3; OPS; EVR1; EVR4; LRP7; OPPG; BMND1; LRP-5; LRP-7; OPTA1; PCLD4; VBCH2; LRP5

Contact

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Product Information

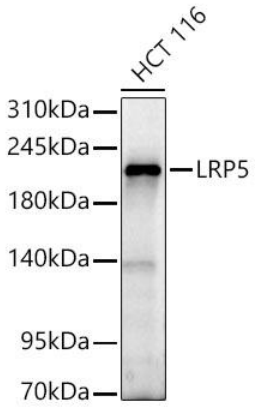
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from HCT 116 cells using LRP5 Rabbit pAb (A0130) at 1:2000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90 s.

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