LRP5 Rabbit mAb

Catalog No.: A21177 Recombinant



Basic Information

Observed MW

200kDa

Calculated MW

179kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse

CloneNo number

ARC52449

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

1:500 - 1:1000

Immunogen Information

Gene ID 4041 Swiss Prot

075197

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

Contact

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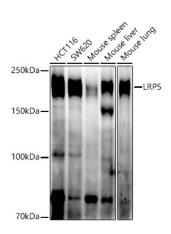
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates using LRP5 Rabbit mAb (A21177) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.