

AP07350PU-N

Polyclonal Antibody to LRP6 (1546-1560) - Purified

Alternate names:

LRP-6, Low-density lipoprotein receptor-related protein 6

Quantity:

50 µg

Concentration:

1 mg/ml

Background:

LRP6 is essential for the Wnt/beta catenin signaling pathway, probably by acting as a coreceptor together with Frizzled for Wnt. It is a specific, high-affinity receptor for DKK1 and DKK2, but not DKK3. The interaction with DKK1 blocks LRP6-mediated Wnt/beta catenin signaling via LRP6 removal via Kremen proteins-mediated endocytosis.

Uniprot ID:

[O75581](#)

NCBI:

[NP_002327.2](#)

GeneID:

[4040](#)

Host:

Rabbit

Immunogen:

Synthetic peptide from human LRP6

Format:

State: Liquid purified Ig

Purification: Protein G column

Buffer System: PBS with 0.09% (w/v) sodium azide

Applications:

ELISA: 1/1000.

Immunohistochemistry on Paraffin Sections: 10 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody reacts to amino acids 1546 to 1560 of LRP6.

Species Reactivity:

Tested: Human

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Liver: Formalin-Fixed Paraffin-Embedded (FFPE)

