

Anti-LRP2 (Low-density lipoprotein receptor-related protein 2) Polyclonal Antibody

Cat. #: 60B907

Description:

LRP2(Low-density lipoprotein receptor-related protein 2) binds specifically clusterin with high affinity, but also ligands in common with other family members: plasminogen, extracellular matrix components, plasminogen activator-plasminogen activator inhibitor type I complex, apolipoprotein E-enriched beta-VLDL, lipoprotein lipase, lactoferrin and calcium.

LRP2 (Low-density lipoprotein receptor-related protein 2) functions in a receptor-mediated uptake of polybasic drugs such as aprotinin, aminoglycosides and polymyxin B. LRP2 may participate in regulation of parathyroid-hormone and para-thyroid-hormone-related protein release. LRP2 forms a multimeric complex together with a receptor-associated protein (RAP). It binds to ankyrin-repeat family A protein 2 (ANKRA2).

LRP2 belongs to the LDLR family and contains 17 EGF-like domains, 36 LDL-receptor class A domains and 37 LDL-receptor class B repeats.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human LRP2(Low-density lipoprotein receptor-related protein 2)

References

Hjalm,G., et al, Eur. J. Biochem. 239 (1), 132-137 (1996)
Korenberg,J.R., et al, Genomics 22 (1), 88-93 (1994)
Lundgren,S., et al, Exp. Cell Res. 212 (2), 344-350 (1994)
Kounnas,M.Z., et al, J. Biol. Chem. 270 (22), 13070-13075 (1995)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)