abcam

Product datasheet

Anti-LRP4 antibody ab85697

3 References   1 图像

概述

产品名称	Anti-LRP4抗体
描述	山羊多克隆抗体to LRP4
宿主	Goat
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
	预测可用于: Mouse, Rat, Cow ⚠
免疫原	Synthetic peptide: C-SNPSYRTSTQEVK , corresponding to internal sequence amino acids 1765-1777 of Human LRP4 (NP_002325.2). 🔲 **Run BLAST with** 🔲 **Run BLAST with**
阳性对照	Human brain (cerebral cortex) lysate.
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	ab85697 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆

同种型	IgG

应用

应用	Ab评论	说明
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 200 kDa (predicted molecular weight: 216 kDa). 1 hour primary incubation is recommended for this product.

靶标

功能	Potential cell surface endocytic receptor, which binds and internalizes extracellular ligands for degradation by lysosomes. Involved in the negative regulation of the canonical Wnt signaling pathway, being able to antagonize the LRP6-mediated activation of this pathway.
组织特异性	Expressed in several regions of the brain.
疾病相关	Defects in LRP4 are the cause of Cenani-Lenz syndactyly syndrome (CLSS) [MIM:212780]. It is a congenital malformation syndrome defined as complete and complex syndactyly of the hands combined with malformations of the forearm bones and similar manifestations in the lower limbs.
序列相似性	Belongs to the LDLR family. Contains 3 EGF-like domains. Contains 8 LDL-receptor class A domains. Contains 20 LDL-receptor class B repeats.
细胞定位	Membrane.

图片

Western blot - Anti-LRP4 antibody (ab85697)
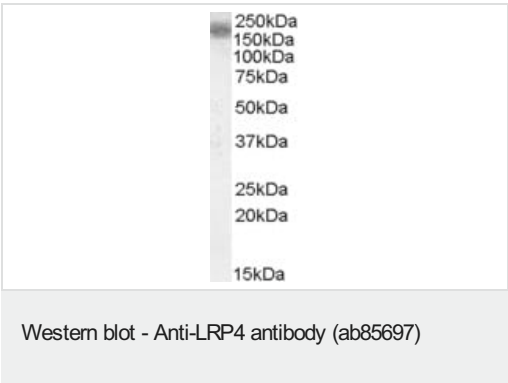
Anti-LRP4 antibody (ab85697) at 0.1 µg/ml + Human cerebral cortex lysate (in RIPA buffer) at 35 µg

Predicted band size: 216 kDa
Observed band size: 200 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

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