

LDLRAD1 polyclonal antibody

Catalog: BS61636

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Low-density lipoprotein receptor class A domain-containing protein 1, belonging to the Low-density lipoprotein receptor class A domain-containing protein family. LDLRAD1 and LDLRAD2 function as receptor, LDLRAD3 may influence APP processing, resulting in a decrease in sAPP-alpha production and increased amyloidogenic P3 peptide production, LDLRAD3 functions as a negative regulator of TGF-beta signaling and thereby probably plays a role in cell proliferation, differentiation, apoptosis, motility, extracellular matrix production and immunosuppression. In the canonical TGF-beta pathway, ZFYVE9/SARA recruits the intracellular signal transducer and transcriptional modulators SMAD2 and SMAD3 to the TGF-beta receptor. Phosphorylated by the receptor, SMAD2 and SMAD3 then form a heteromeric complex with SMAD4 that translocates to the nucleus to regulate transcription. Through interaction with SMAD2 and SMAD3, LDLRAD4 may compete with ZFYVE9 and SMAD4 and prevent propagation of the intracellular signal.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 27 kDa

Swiss-Prot:

Q5T700

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

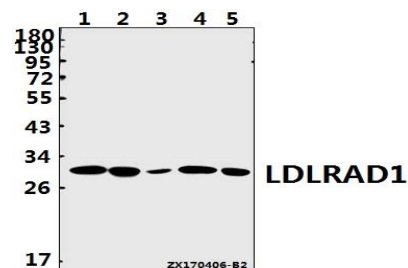
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

LDLRAD1 polyclonal antibody detects endogenous levels of LDLRAD1 protein.

DATA:



Western blot (WB) analysis of LDLRAD1 polyclonal antibody at 1:500 dilution

Lane1: Jurkat whole cell lysate(40ug)

Lane2: A549 whole cell lysate(40ug)

Lane3: Panc1 whole cell lysate(40ug)

Lane4: MEF whole cell lysate(40ug)

Lane5: PC12 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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