

GPR124 polyclonal antibody

Catalog: BS62571

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Endothelial receptor which functions together with RECK to enable brain endothelial cells to selectively respond to Wnt7 signals (WNT7A or WNT7B). Plays a key role in Wnt7-specific responses, such as endothelial cell sprouting and migration in the forebrain and neural tube, and establishment of the blood-brain barrier (By similarity). Acts as a Wnt7-specific coactivator of canonical Wnt signaling: required to deliver RECK-bound Wnt7 to frizzled by assembling a higher-order RECK-ADGRA2-Fzd-LRP5-LRP6 complex. ADGRA2-tethering function does not rely on its G-protein coupled receptor (GPCR) structure but instead on its combined capacity to interact with RECK extracellularly and recruit the Dishevelled scaffolding protein intracellularly. Binds to the glycosaminoglycans heparin, heparin sulfate, chondroitin sulfate and dermatan sulfate.

Product:

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

Molecular Weight:

~ 142 kDa

Swiss-Prot:

Q96PE1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000 IHC:1:50~1:200 IF:1:50~1:200

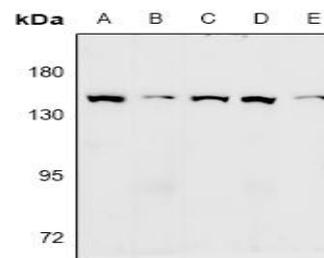
Storage&Stability:

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

Specificity:

GPR124 polyclonal antibody detects endogenous levels of GPR124 protein.

DATA:



Western blot (WB) analysis of GPR124 polyclonal antibody at 1:500 dilution

LaneA:CT26 whole cell lysate

LaneB:PMVEC whole cell lysate

LaneC:MEF whole cell lysate

LaneD:A549 whole cell lysate

LaneE:LOVO whole cell lysate

Note:

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

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