

## GPR56 polyclonal antibody

Catalog: BS62579

Host: Rabbit

Reactivity: Human,Rat

**BackGround:**

Receptor involved in cell adhesion and probably in cell-cell interactions. Mediates cell matrix adhesion in developing neurons and hematopoietic stem cells. Receptor for collagen III/COL3A1 in the developing brain and involved in regulation of cortical development, specifically in maintenance of the pial basement membrane integrity and in cortical lamination. Binding to the COL3A1 ligand inhibits neuronal migration and activates the RhoA pathway by coupling to GNA13 and possibly GNA12. Plays a role in the maintenance of hematopoietic stem cells and/or leukemia stem cells in bone marrow niche. Plays a critical role in cancer progression by inhibiting VEGFA production threereby inhibiting angiogenesis through a signaling pathway mediated by PRKCA. Plays an essential role in testis development.

**Product:**

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

**Molecular Weight:**

~ 65 kDa

**Swiss-Prot:**

Q9Y653

**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:**

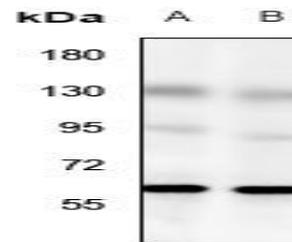
WB:1:500~1:1000 IF:1:50~1:200

**Storage&Stability:**

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

**Specificity:**

GPR56 polyclonal antibody detects endogenous levels of GPR56 protein.

**DATA:**

Western blot (WB) analysis of GPR56 polyclonal antibody at 1:500 dilution

LaneA:C6 whole cell lysate

LaneB:Hela whole cell lysate

**Note:**

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

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