

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IF:1:50-1:200

Protein Background:

Key negative regulator of Shh signaling, which promotes the processing of GLI3 into GLI3R during neural tube development. Recruited by TULP3 and the IFT-A complex to primary cilia and acts as a regulator of the PKA-dependent basal repression machinery in Shh signaling by increasing cAMP levels, leading to promote the PKA-dependent processing of GLI3 into GLI3R and repress the Shh signaling. In presence of SHH, it is removed from primary cilia and is internalized into recycling endosomes, preventing its activity and allowing activation of the Shh signaling. Its ligand is unknown.

Gene ID:

GPR161

Uniprot

Q8N6U8

Synonyms:

G-protein coupled receptor 161 (G-protein coupled receptor RE2), GPR161

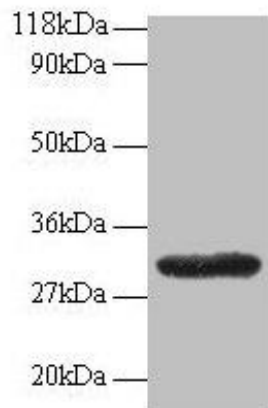
Immunogen:

Recombinant Human G-protein coupled receptor 161 protein (1-28AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Western blot

All lanes: GPR161 antibody at 2 μ g/ml + EC109 whole cell lysate

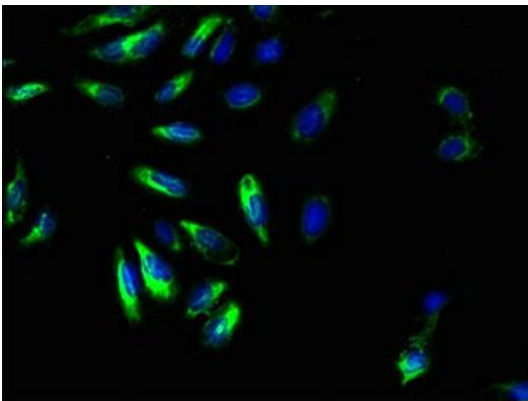
Secondary

Goat polyclonal to rabbit IgG at 1/15000 dilution

Predicted band size: 59, 46, 44, 50, 47, 61 kDa

Observed band size: 30 kDa

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Immunofluorescent analysis of HeLa cells using PACO31804 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).