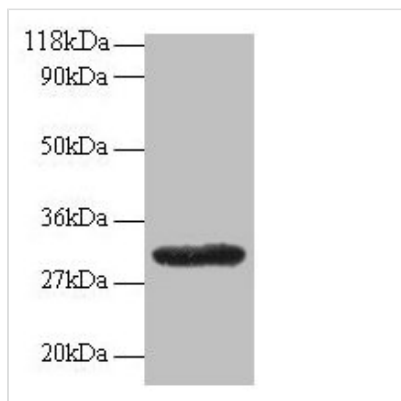




GPR161 Antibody

Product Code	CSB-PA04114A0Rb
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q8N6U8
Immunogen	Recombinant Human G-protein coupled receptor 161 protein (1-28AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IF; Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200
Relevance	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 (By similarity).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	G-protein coupled receptor 161 (G-protein coupled receptor RE2), GPR161
Species	Human
Research Area	Others
Target Names	GPR161

Image



Western blot

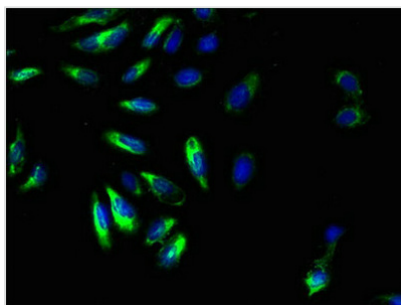
All lanes: GPR161 antibody at 2μg/ml + EC109 whole cell lysate

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



Immunofluorescent analysis of HeLa cells using CSB-PA04114A0Rb at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)