

## G-protein coupled receptor 161 Polyclonal Antibody

Catalog No: #42408

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

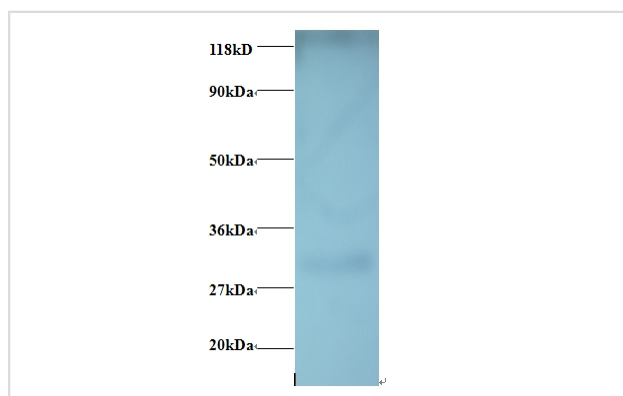
## Description

Product Name	G-protein coupled receptor 161 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total G-protein coupled receptor 161 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human G-protein coupled receptor 161 protein
Target Name	G-protein coupled receptor 161
Other Names	G-protein coupled receptor RE2
Accession No.	Swiss-Prot#: Q8N6U8
Uniprot	Q8N6U8
GeneID	23432;
Calculated MW	58kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □1:500 - 1:1000

## Images



All lanes : 60S ribosomal protein L17 antibody at at 2ug/ml + EC109whole cell lysate  
?  
SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilution  
Predicted band size : 58 kDa  
Observed band size : 30 kDa

## 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 (By

similarity).

## References

---

[1]"Identification of a novel G-protein coupled receptor expressed in distinct brain regions and a defined olfactory zone."Raming K., Konzelmann S., Breer H.Recept. Channels 6:141-151(1998) [2] "Complete sequencing and characterization of 21,243 full-l

---

Note: This product is for in vitro research use only