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Datasheet for ABIN7153330

anti-GPR161 antibody (AA 1-28) (HRP)

Overview

Quantity:	100 µg
Target:	GPR161
Binding Specificity:	AA 1-28
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR161 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human G-protein coupled receptor 161 protein (1-28AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GPR161
Alternative Name:	GPR161 (GPR161 Products)
Background:	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

Target Details

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).

Aliases: GPR161 antibody, G-protein coupled receptor 161 antibody, G-protein coupled receptor RE2 antibody

UniProt: [Q8N6U8](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.