Datasheet for ABIN2775370

anti-GPR161 antibody (Middle Region)

4 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	GPR161
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Cow, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR161 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GPR161
Sequence:	SISNRITDLG LSPHLTALMA GGQPLGHSSS TGDTGFSCSQ DSGTDMMLLE
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against GPR161. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GPR161

Target Details

Alternative Name:	GPR161 (GPR161 Products)
Background:	Upon ligand binding, G protein-coupled receptors, such as GPR161, activate cytoplasmic G proteins (see GNAS, MIM 139320), allowing the receptors to transduce extracellular signals across the plasma membrane into the cell. Phosphorylation of the receptor attenuates signaling. Alias Symbols: FLJ33952, RE2 Protein Interaction Partner: PRKACA, Protein Size: 529
Molecular Weight:	58 kDa
Gene ID:	23432
NCBI Accession:	NM_153832, NP_722561
UniProt:	Q8N6U8
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 529 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

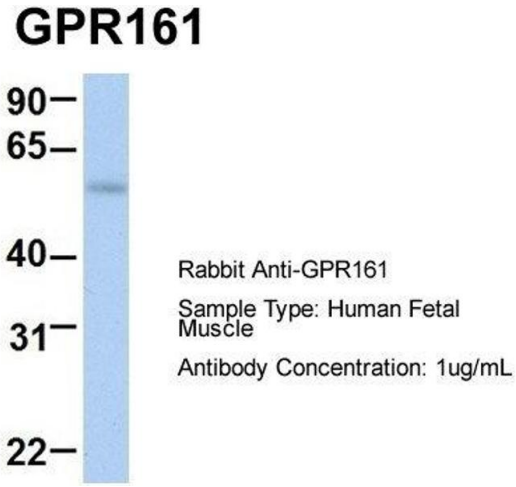
Handling

aliquots to prevent freeze-thaw cycles.

Images

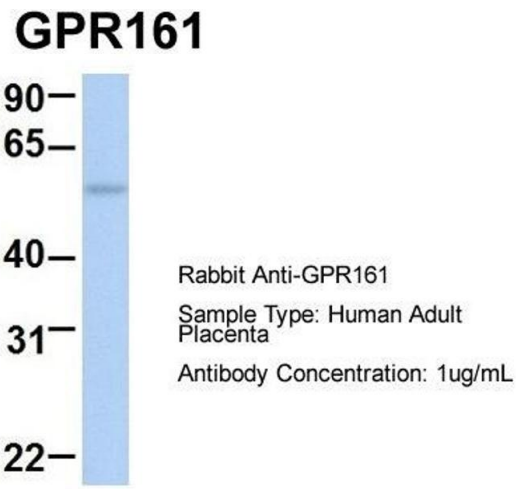
Western Blotting

Image 1. WB Suggested Anti-GPR161 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 721_B cell lysate GPR161 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Western Blotting

Image 2. Host: Rabbit Target Name: GPR161 Sample Type: Human Fetal Muscle Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: GPR161 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml

Please check the product details page for more images. Overall 4 images are available for ABIN2775370.