

Datasheet for ABIN2775369

## anti-GPR161 antibody (Middle Region)



[Go to Product page](#)

2 Images

1 Publication

### 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), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GPR161
Sequence:	FLVMLVCYGF IFRVARVKAR KVHCGTVVIV EEDAQRTGRK NSSTSTSSSG
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against GPR161. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

### Target Details

Target:	GPR161
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## Target Details

Alternative Name:	GPR161 ( <a href="#">GPR161 Products</a> )
Background:	GPR161 is Orphan receptor. Alias Symbols: FLJ33952, RE2 Protein Interaction Partner: PRKACA, Protein Size: 407
Molecular Weight:	45 kDa
Gene ID:	23432
NCBI Accession:	<a href="#">NM_007369</a> , <a href="#">NP_031395</a>
Pathways:	<a href="#">cAMP Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 407 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 aliquots to prevent freeze-thaw cycles.

## Publications

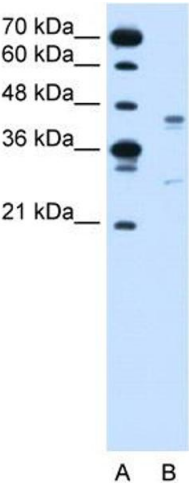
Product cited in:	Majumder, Cash, Fisk: "Non-Overlapping Distributions and Functions of the VDAC Family in
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Ciliogenesis." in: **Cells**, Vol. 4, Issue 3, pp. 331-53, (2015) ([PubMed](#)).

Majumder, Fisk: "VDAC3 and Mps1 negatively regulate ciliogenesis." in: **Cell cycle (Georgetown, Tex.)**, Vol. 12, Issue 5, pp. 849-58, (2013) ([PubMed](#)).

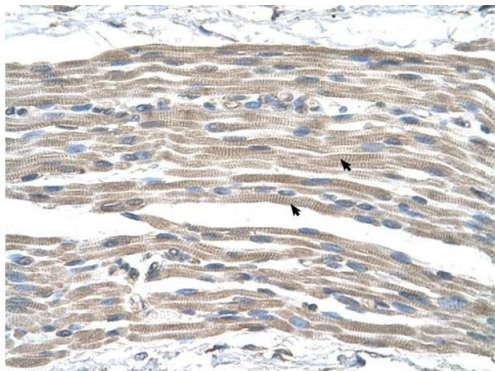
Majumder, Slabodnick, Pike, Marquardt, Fisk: "VDAC3 regulates centriole assembly by targeting Mps1 to centrosomes." in: **Cell cycle (Georgetown, Tex.)**, Vol. 11, Issue 19, pp. 3666-78, (2012) ([PubMed](#)).

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-GPR161 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Rabbit Anti-GPR161 Antibody  
Catalog Number: ARP42354  
Lot Number: QC12825  
Paraffin Embedded Tissue: Human Muscle  
Cells with Positive label: Skeletal muscle cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

**Immunohistochemistry**

**Image 2.** Rabbit Anti-GPR161 Antibody Paraffin Embedded Tissue: Human Muscle Cellular Data: Skeletal muscle cells  
Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X