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Datasheet for ABIN7164501
anti-GPR75 antibody (AA 372-540)

4 Images

Overview

Quantity:	100 µg
Target:	GPR75
Binding Specificity:	AA 372-540
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR75 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Probable G-protein coupled receptor 75 protein (372-540AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GPR75
Alternative Name:	GPR75 (GPR75 Products)
Background:	Background: G protein-coupled receptor that is activated by the chemokine CCL5/RANTES. Probably coupled to heterotrimeric Gq proteins, it stimulates inositol trisphosphate production

Target Details

and calcium mobilization upon activation. Together with CCL5/RANTES, may play a role in neuron survival through activation of a downstream signaling pathway involving the PI3, Akt and MAP kinases. CCL5/RANTES may also regulate insulin secretion by pancreatic islet cells through activation of this receptor.

Aliases: G protein coupled receptor 75 antibody, GPR chr2 antibody, Gpr75 antibody, GPR75_HUMAN antibody, GPRchr2 antibody, OTTHUMP00000159608 antibody, Probable G protein coupled receptor 75 antibody, Probable G-protein coupled receptor 75 antibody, WI 31133 antibody, WI31133 antibody

UniProt: [O95800](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

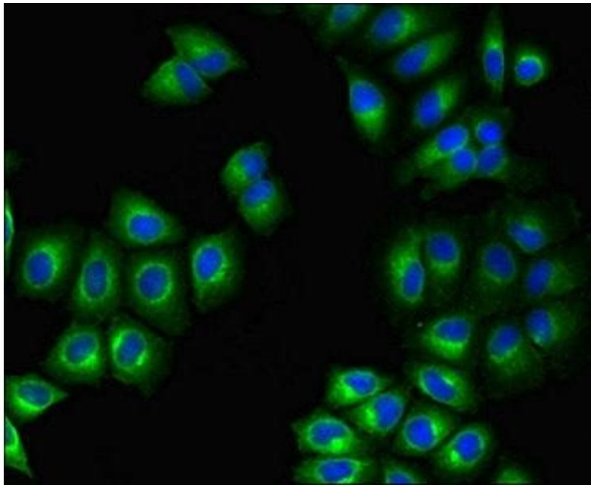
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

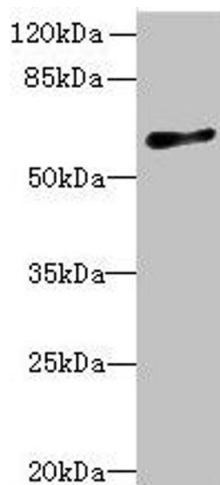
Storage: -20 °C,-80 °C

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



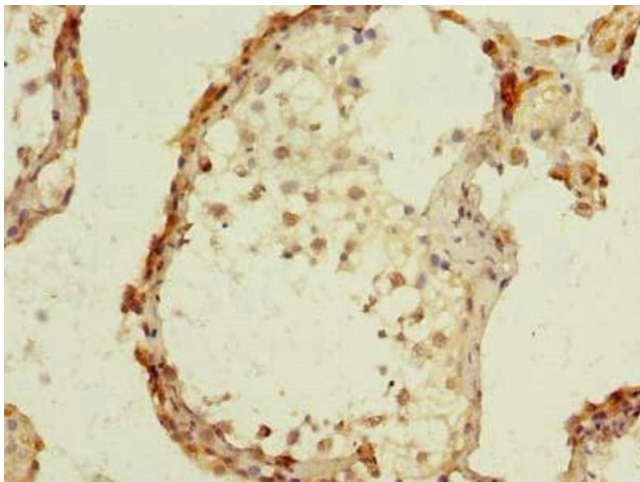
Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7164501 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western blot All lanes: GPR75 antibody at 8 $\mu\text{g}/\text{mL}$ + HT29 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 59 kDa Observed band size: 59 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7164501 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7164501.