

Catalog #: 50843

Aliases

Probable G-protein coupled receptor 75

Background

Gene Name: GPR75

NCBI Gene Entry: [10936](#)

UniProt Entry: [O95800](#)

Application Information

Molecular Weight: Predicted, 59 kDa; observed, 59 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human GPR75

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:100-1:500

Note: This product is for research use only.

Validation Data

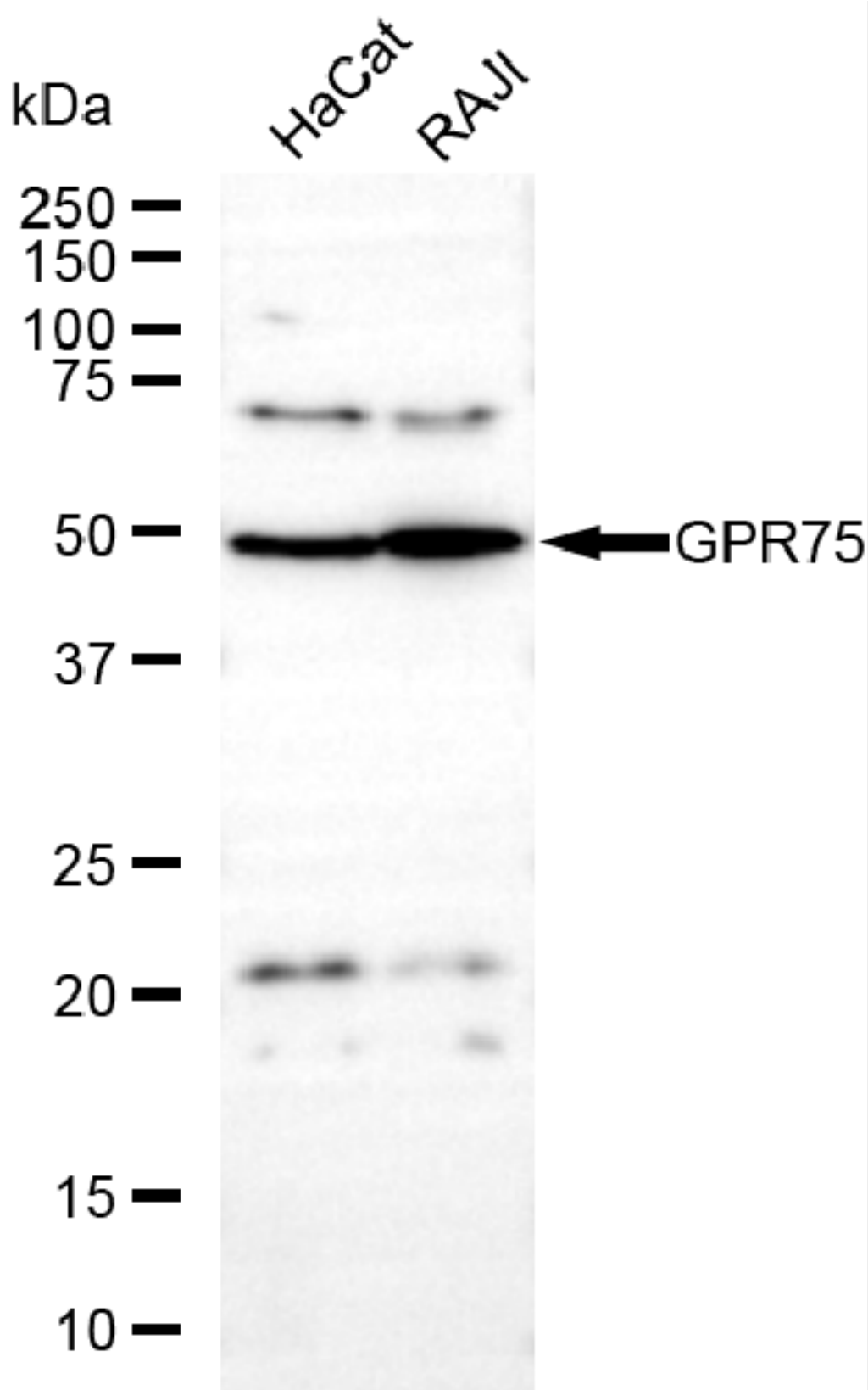
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SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



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Western blotting analysis using anti-GPR75 antibody (Cat#50843). Total lysates (30 µg) were loaded and separated by SDS-PAGE. The blot was incubated with anti-GPR75 antibody

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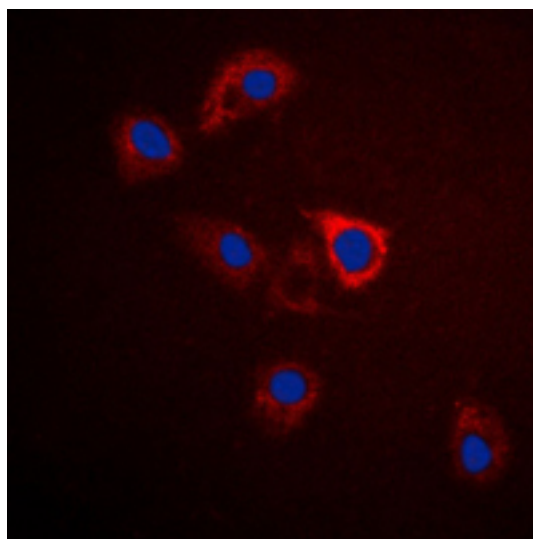
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(Cat#50843, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Immunocytochemical analysis of GPR75 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).