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Anti-GPR125 Antibody

Catalog # AP51952

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q8IWK6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	146151

Additional Information

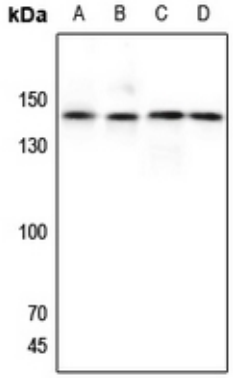
Gene ID	166647
Other Names	Probable G-protein coupled receptor 125
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR125. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

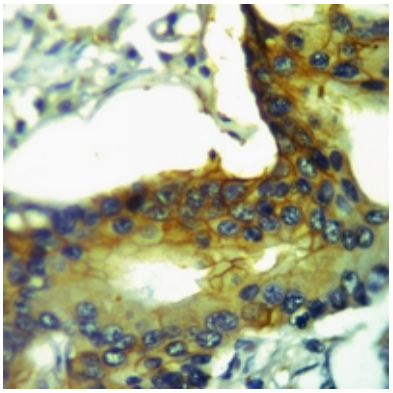
Protein Information

Name	ADGRA3 (HGNC:13839)
Synonyms	GPR125
Function	Orphan receptor that may have a role in planar cell polarity pathway.
Cellular Location	Membrane {ECO:0000250|UniProtKB:S4X0Q8}; Multi- pass membrane protein

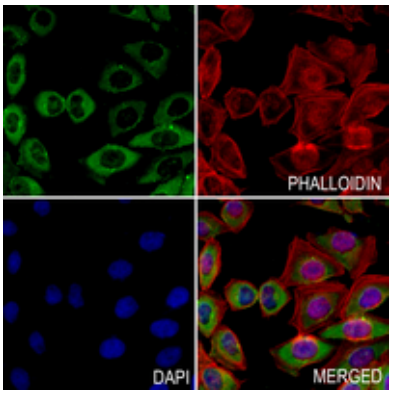
Images

Western blot analysis of GPR125 expression in Hela (A), A549 (B), mouse muscle (C), rat muscle (D) whole cell lysates. (Predicted band size: 146 kD; Observed band size: 146 kD)





Immunohistochemical analysis of GPR125 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of GPR125 staining in MCF7 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 hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.