GPR56 rabbit pAb

Cat#: orb770886 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	GPR56 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR56. AA range:251-300
Specificity	GPR56 Polyclonal Antibody detects endogenous levels of GPR56 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	G-protein coupled receptor 56
Gene Name	GPR56
Cellular localization	Cell membrane ; Multi-pass membrane protein .; [ADGRG1 N-terminal fragment]: Secreted .; [ADGRG1 C-terminal fragment]: Membrane raft . Interaction with its ligand COL3A1 leads to the release of ADGRG1 NT from the membrane and triggers the association of ADGRG1 CT with lipid rafts. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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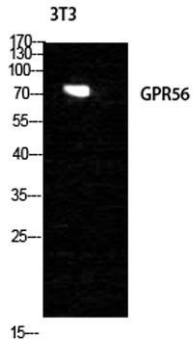
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	78kD
Human Gene ID	9289
Human Swiss-Prot Number	Q9Y653
Alternative Names	GPR56; TM7LN4; TM7XN1; G-protein coupled receptor 56; Protein TM7XN1
Background	This gene encodes a member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontoparietal polymicrogyria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014],



Western Blot analysis of NIH-3T3 cells using GPR56 Polyclonal Antibody diluted at 1:1000

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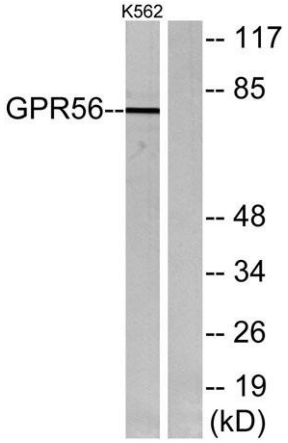
Immunofluorescence analysis of MCF7 cells, using GPR56 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from K562 cells, using GPR56 Antibody. The lane on the right is blocked with the synthesized peptide.

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