

GPR56 rabbit pAb

Cat No.:ES8011

For research use only

Overview

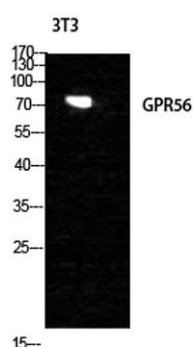
Product Name	GPR56 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against 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 A
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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





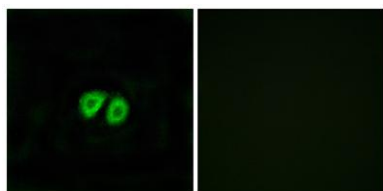
Background

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],



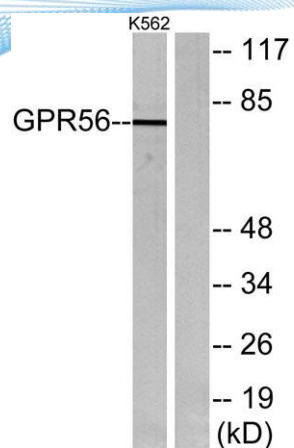
Western Blot analysis of NIH-3T3 cells using GPR56 Polyclonal Antibody diluted at 1:1000

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





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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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