

Product Name: KD-Validated GPR56 Mouse Monoclonal Antibody**Catalog #: KVA01877**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1 kappa
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 77.7kDa

Antigen Information

Gene Name	ADGRG1
Alternative Names	ADGRG1; Adhesion G Protein-Coupled Receptor G1; TM7LN4; TM7XN1; GPR56; Adhesion G-Protein Coupled Receptor G1; G Protein-Coupled Receptor 56; 7-Transmembrane Protein With No EGF-Like N-Terminal Domains-1; Testicular Tissue Protein Li 77; G-Protein Coupled Receptor 56; CDCBM14B; CDCBM15A; BFPP; BPPR
Gene ID	9289.0
SwissProt ID	Q9Y653
Immunogen	Recombinant protein of human GPR56

Background

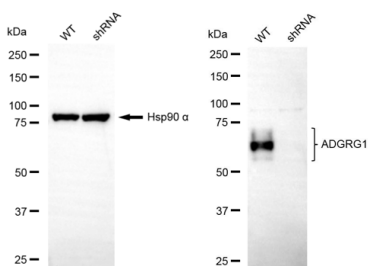
This gene encodes a member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded

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]

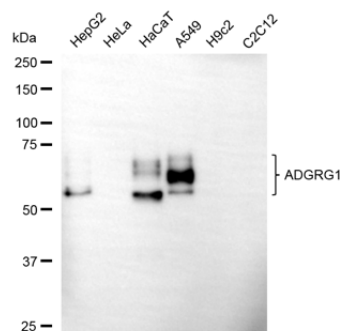
Research Area

Neuroscience, Signal Transduction

Image Data



Western blotting analysis using ADGRG1 antibody (KVA01877). ADGRG1 expression in wild-type (WT) and ADGRG1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ADGRG1 antibody (KVA01877, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using ADGRG1 antibody (KVA01877). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ADGRG1 antibody (KVA01877, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.