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GPR177 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12421

Product Information

Application	WB
Primary Accession	Q5T9L3
Other Accession	NM_001002292, NP_001002292
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62253

Additional Information

Gene ID	79971
Alias Symbol	C1orf139, EVI, FLJ23091, MGC131760, MGC14878, MRP, WLS, GPR177
Other Names	Protein wntless homolog, Integral membrane protein GPR177, Protein evenness interrupted homolog, EVI, Putative NF-kappa-B-activating protein 373, WLS, C1orf139, GPR177
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-GPR177 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	GPR177 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	WLS
Synonyms	C1orf139, GPR177
Function	Regulates Wnt proteins sorting and secretion in a feedback regulatory mechanism. This reciprocal interaction plays a key role in the regulation of expression, subcellular location, binding and organelle-specific association of Wnt proteins (PubMed:34587386). Plays also an important role in establishment of the anterior-posterior body axis formation during development (By similarity).

Cellular Location	Golgi apparatus membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Early endosome membrane; Multi-pass membrane protein. Note=Co-localizes with the adaptin AP2A2 at distinct punctae.

References

Gregory,S.G.,(2006)Nature441(7091),315-321ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-GPR177 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Human Liver

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