

GPR177 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12421

Product Information

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|--------------------------|---|
| 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

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|---|---|
| Gene ID | 79971 |
| Alias Symbol Other Names | C1orf139, EVI, FLJ23091, MGC131760, MGC14878, MRP, WLS, GPR177 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

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|-----------------|--|
| 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). |

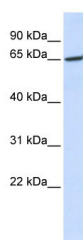
Cellular Location

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),315-321 ReconstitutionandStorage: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'.