

GPR177 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55975**Specification**

GPR177 Polyclonal Antibody - Product Information

Application	IF, IHC-P, WB
Primary Accession	O5T9L3
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62253

GPR177 Polyclonal Antibody - Additional Information**Gene ID** 79971**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

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

GPR177 Polyclonal Antibody - 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

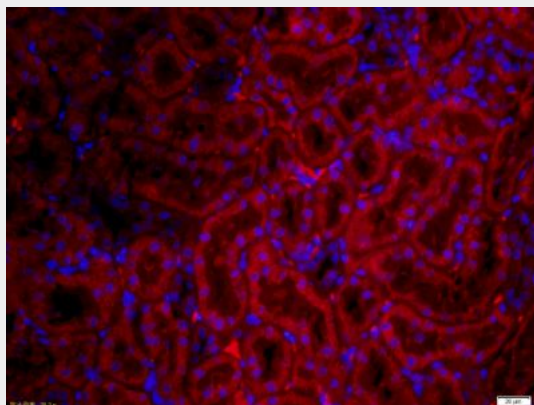
Golgi apparatus membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Early endosome membrane; Multi-pass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

GPR177 Polyclonal Antibody - Protocols

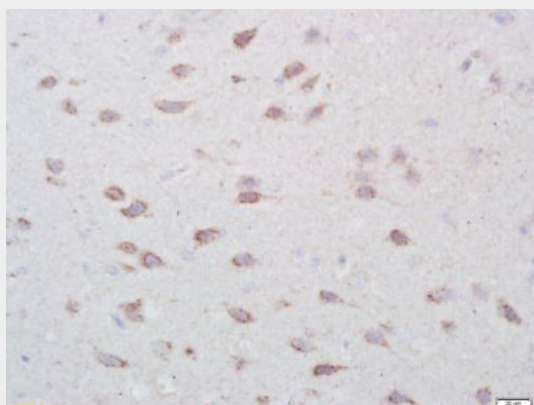
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPR177 Polyclonal Antibody - Images

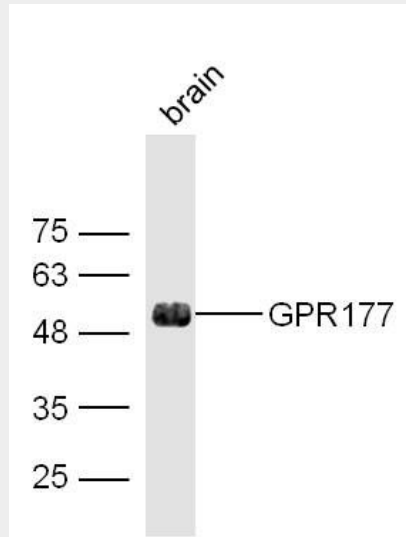


Tissue/cell: rat kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-GPR177 Polyclonal Antibody, Unconjugated(bs-15388R) 1:200, overnight at 4°C;
The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(bs-0295G-Cy3) used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-GPR177 Polyclonal Antibody, Unconjugated(bs-15388R) 1:500, overnight at 4°C,

followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample: Brain (Mouse) Lysate at 40 ug
Primary: Anti-GPR177(bs-10196R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 62 kD
Observed band size: 51 kD