

GPR6 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10053**Specification**

GPR6 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	P46095
Reactivity	Human, Mouse, Rabbit, Hamster, Monkey, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa
Dilution	IHC-P~~N/A

GPR6 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 2830**Other Names**

G-protein coupled receptor 6, Sphingosine 1-phosphate receptor GPR6, GPR6

Target/Specificity

Human GPR6. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GPR12 (60%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

GPR6 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR6 Antibody (Cytoplasmic Domain) - Protein Information**Name** GPR6**Function**

Orphan receptor with constitutive G(s) signaling activity that activate cyclic AMP. Promotes neurite outgrowth and blocks myelin inhibition in neurons (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein Note=Detected in the intracellular compartments. It is currently unclear whether this is a cell surface or intracellular receptor

Volume

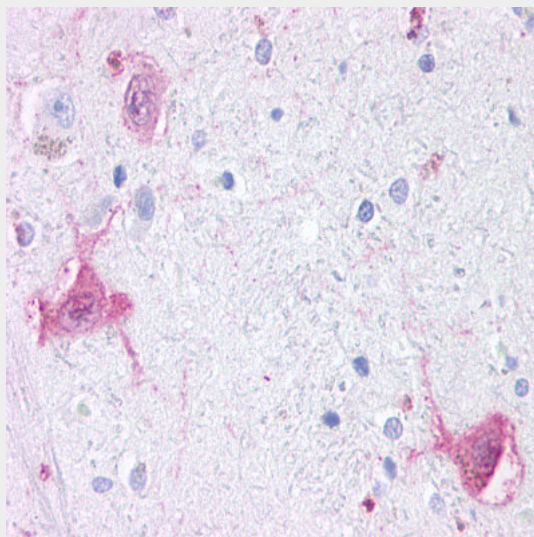
50 µl

GPR6 Antibody (Cytoplasmic Domain) - 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](#)

GPR6 Antibody (Cytoplasmic Domain) - Images



Anti-GPR6 antibody ALS10053 IHC of human brain, neurons and glia.

GPR6 Antibody (Cytoplasmic Domain) - Background

Orphan receptor with constitutive G(s) signaling activity that activate cyclic AMP. Promotes neurite outgrowth and blocks myelin inhibition in neurons (By similarity).

GPR6 Antibody (Cytoplasmic Domain) - References

- Heiber M., et al. DNA Cell Biol. 14:25-35(1995).
Song Z.-H., et al. Genomics 28:347-349(1995).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mungall A.J., et al. Nature 425:805-811(2003).
Uhlenbrock K., et al. Cell. Signal. 14:941-953(2002).