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GPR6 Antibody (Cytoplasmic Domain)

Rabbit Polyclonal Antibody
Catalog # ALS10053

Specification

GPR6 Antibody (Cytoplasmic Domain) - Product Information

Application	**IHC**
Primary Accession	P46095
Reactivity	**Human, Mouse, Rabbit, Hamster, Monkey, Pig, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38kDa KDa**

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

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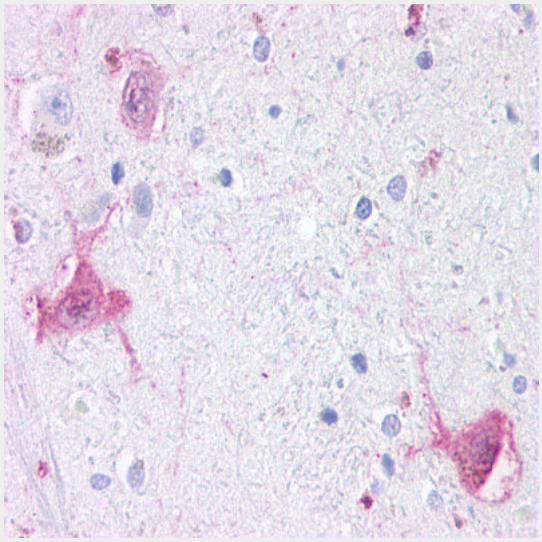
GPR6 Antibody (Cytoplasmic Domain) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).
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Uhlenbrock K.,et al.Cell. Signal. 14:941-953(2002).