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GPR6 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11990

Product Information

Application	WB, IHC
Primary Accession	P46095
Other Accession	NM_005284, NP_005275
Reactivity	Human, Mouse, Rat, Bovine
Predicted	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37881

Additional Information

Gene ID	2830
Other Names	G-protein coupled receptor 6, Sphingosine 1-phosphate receptor GPR6, GPR6
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-GPR6 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	GPR6 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

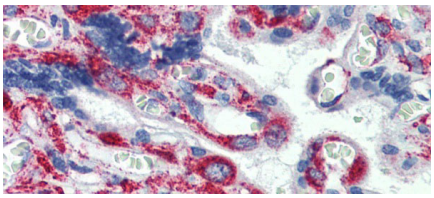
Protein Information

Name	GPR6
Function	Constitutively active G protein-coupled receptor that maintains high cAMP levels and contributes to several processes including neuronal development, through activation of intracellular signaling pathways via G(s). May be activated by lipid-derived agonists such as oleic acid or sphingosine 1-phosphate, leading to activation of the G(s)/cAMP/PKA signaling pathway (PubMed:12220620, PubMed:39626010).
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

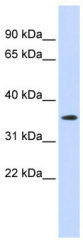
References

Mungall,A.J., (2003) Nature 425 (6960), 805-811 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry with Human Placenta lysate tissue at an antibody concentration of 5.0µg/ml using anti-GPR6 antibody (AI11990)



WB Suggested Anti-GPR6 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human Placenta

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