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GPCR MCH2/GPCR GPR145 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56197

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q969V1
Reactivity	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38849

Additional Information

Gene ID	84539
Other Names	Melanin-concentrating hormone receptor 2, MCH receptor 2, MCH-R2, MCHR-2, G-protein coupled receptor 145, GPRv17, MCH-2R, MCH2, MCH2R, MCHR2, GPR145, SLT
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

Protein Information

Name	MCHR2 (HGNC:20867)
Function	G protein-coupled receptor for the neuropeptide melanin- concentrating hormone (MCH). Upon ligand binding, couples to G(q/11), leading to activation of phospholipase C and intracellular calcium mobilization (PubMed:11274220, PubMed:11404457, PubMed:11459838, PubMed:15340116, PubMed:38710677). The physiological roles mediated by this receptor remain unclear, and its contribution to specific biological processes has not been conclusively established (Probable). Expression of this receptor is restricted to the brain of non-rodent mammals; a functional MCHR2 gene is absent or pseudogenized in rodents (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Specifically expressed in the brain (PubMed:11274220, PubMed:11355873, PubMed:11404457, PubMed:11459838) In the brain, highly expressed in cerebral cortex, hippocampus and amygdala (PubMed:11355873, PubMed:11459838). Also expressed in the arcuate nucleus and the ventral

medial hypothalamus (PubMed:11404457) No expression detected in the cerebellum and thalamus (PubMed:11355873).

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