10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-MCHR2 Antibody (Cytoplasmic Domain)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17467

Product Information

Application	IHC-P
Primary Accession	Q969V1
Predicted	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38849
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	84539
Alias Symbol	MCHR2
Other Names	MCHR2, G protein-coupled receptor slt, GPRv17, GPR145, G protein-coupled receptor 145, G-protein coupled receptor 145, MCH receptor 2, MCHR-2, MCH-2R, MCH-R2, MCH2, Mch2 receptor, SLT receptor, MCH2R, SLT
Target/Specificity	Human MCHR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except REEP4 (44%).
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MCHR2 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

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'.