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Anti-MCHR1 Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17504

Product Information

Application	IHC-P
Primary Accession	Q99705
Predicted	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38940
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	2847
Alias Symbol	MCHR1
Other Names	MCHR1, G-protein coupled receptor 24, G protein-coupled receptor 24, GPR24, MCH-1R, MCH receptor 1, MCH-R1, MCH1R, Somatostatin-like receptor 1, MCH 1 receptor, MCHR, SLC-1, MCHR-1, SLC1
Target/Specificity	Human MCHR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MCHR1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MCHR1 (HGNC:4479)
Synonyms	GPR24, SLC1
Function	G protein-coupled receptor for melanin-concentrating hormone (MCH) that signals primarily through G(i/o) to inhibit adenylyl cyclase, and can additionally couple to G(q/11) to stimulate phospholipase C and mobilize intracellular calcium (PubMed:10421367, PubMed:15340116, PubMed:38710677, PubMed:39616153). Predominantly localized within the central nervous system where it regulates various physiological processes including feeding behavior, energy homeostasis, stress/anxiety-related behaviors and sleep (PubMed:10421367, PubMed:15166293, PubMed:15941924).

Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Highest level in brain, particularly in the frontal cortex and hypothalamus, lower levels in the liver and heart

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