

AP06839PU-N**Polyclonal Antibody to MCHR2 / GPR145 (C-term, cytopl. dom.) - Aff - Purified**

Alternate names:	G-protein coupled receptor 145, GPRv17, MCH receptor 2, MCH-2R, MCH-R2, MCHR-2, Melanin-concentrating hormone receptor 2, SLT
Quantity:	50 µg
Concentration:	1.0 mg/ml
Background:	MCHR2/GPR145 is a Melanin-Concentrating Hormone Receptor. Melanin-concentrating hormone plays an important role in the control of feeding behaviors and energy metabolism. Unlike MCH1, MCH2 signaling is not sensitive to pertussis toxin, and MCH2 cannot reduce forskolin-stimulated cAMP production.
Uniprot ID:	Q969V1
NCBI:	NP_001035269.1
GeneID:	84539
Host:	Rabbit
Immunogen:	Synthetic 18 amino acid peptide from C-terminal cytoplasmic domain of human MCHR2 Remarks: Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon (94%); Monkey, Marmoset (89%); Panda, Pig (83%). BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Format:	State: Liquid purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: PBS containing 0.09% Sodium Azide as preservative
Applications:	Immunohistochemistry on Paraffin Sections: 5 - 10 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects C-terminal cytoplasmic domain of G Protein-Coupled Receptor MCHR2/GPR145 (MCHR2).
Species Reactivity:	Tested: Human, Gorilla, Gibbon, Monkey, Marmoset, Panda, Pig
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Anti-MCHR2 antibody IHC of human brain, cerebellum.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

