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Anti-MCH Receptor 1 Antibody
Catalog # AP54085

Specification

Anti-MCH Receptor 1 Antibody - Product Information

Application	**WB, IF**
Primary Accession	Q969V1
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38849**

Anti-MCH Receptor 1 Antibody - Additional Information

Gene ID 84539

Other Names
GPR145; SLT; Melanin-concentrating hormone receptor 2; MCH receptor 2; MCH-R2; MCHR-2; G-protein coupled receptor 145; GPRv17; MCH-2R; MCH2; MCH2R

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MCH Receptor 1. The exact sequence is proprietary.

Dilution
WB~~1/500 - 1/1000
IF~~1/50 - 1/200

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-MCH Receptor 1 Antibody - Protein Information

Name MCHR2

Synonyms GPR145, SLT

Function
Receptor for melanin-concentrating hormone, coupled to G proteins that activate phosphoinositide hydrolysis.

Cellular Location
Cell membrane; Multi-pass membrane protein.

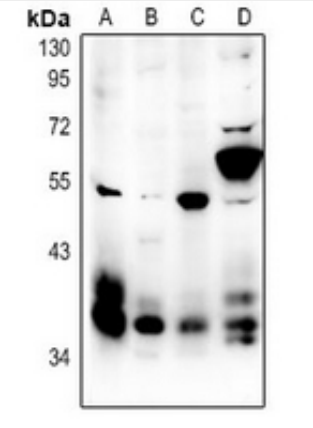
Tissue Location
Specifically expressed in the brain, with highest levels in cerebral cortex, hippocampus and amygdala. No expression detected in the cerebellum, thalamus or hypothalamus

Anti-MCH Receptor 1 Antibody - Protocols

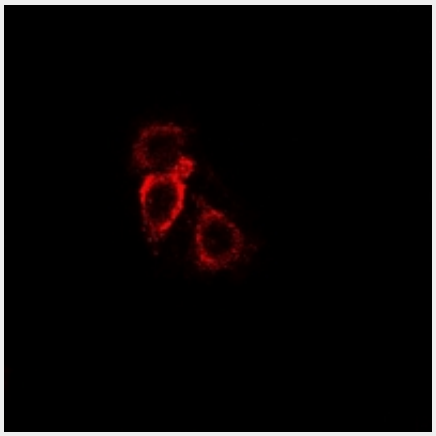
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MCH Receptor 1 Antibody - Images



Western blot analysis of MCH Receptor 1 expression in rat testis (A), BV2 (B), LOVO (C), HCT116 (D) whole cell lysates.



Immunofluorescent analysis of MCH Receptor 1 staining in LOVO cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated

with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Anti-MCH Receptor 1 Antibody - Background

Rabbit polyclonal antibody to MCH Receptor 1