

MCHR2 Polyclonal Antibody

Catalog NumberPA1-31050

Product data sheet

Details		Species Reactivity	
Size	25 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic 19 amino acid peptide from C-terminus of human MCHR2	Immunohistochemistry (Paraffin) (IHC (P))	21 µg/mL
Conjugate	Unconjugated	Immunocytochemistry (ICC/IF)	10-20 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

PA1-31050 detects GPCR MCH2 from human samples.

Background/Target Information

Melanin-concentrating hormone (MCH) is a 19 amino acid cyclic neuropeptide which is mainly expressed in the hypothalamus. MCH modulates feeding behavior, aggression, anxiety, arousal and reproductive function in mammals by controlling the release of luteinizing hormone (LH). The melanin-concentrating hormone receptor (MCHR, also designated SLC-1) is a glycosylated G-protein coupled receptor that migrates between 45-50 kDa on SDS-PAGE. MCHR mediates the effects of MCH through Gai and/or Gaq signaling and is expressed in several regions of the brain, including the cerebral cortex, amygdala, thalamus and hypothalamus. MCH and MCHR have also been implicated in stimulating leptin expression and secretion in adipocytes, which suggests that the melanin-concentrating hormone and its receptor may be potential targets for modulating obesity.

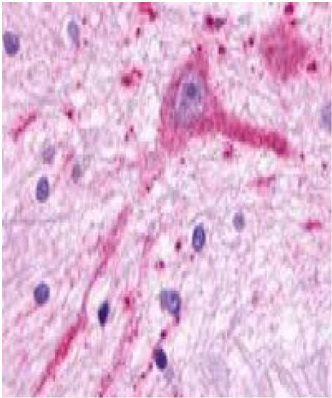
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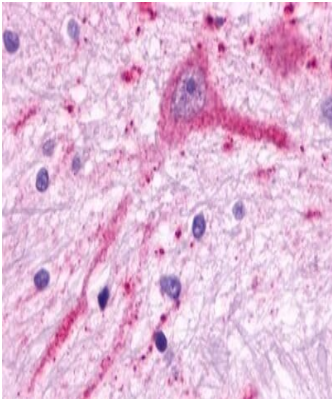
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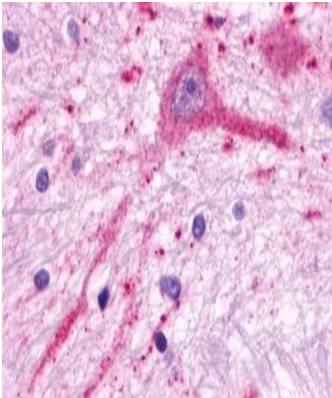
Product Images For MCHR2 Polyclonal Antibody



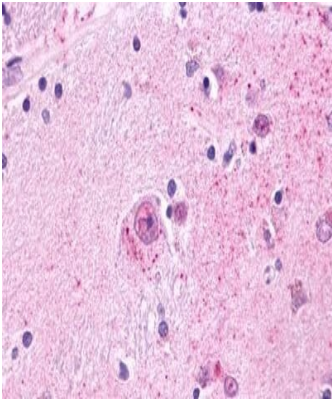
MCHR2 Antibody (PA1-31050) in IHC (P)
Immunohistochemistry (Paraffin) analysis of MCHR2 in human brain tissue (neurons) using MCHR2 Polyclonal Antibody (Product # PA1-31050). Antigen retrieval : Heat-induced antigen retrieval.



MCHR2 Antibody (PA1-31050) in IHC (P)
Immunohistochemical (Paraffin) analysis of human brain, neurons tissue using (Product # PA1-31050) MCHR2 Polyclonal Antibody. Antigen retrieval: Heat-induced antigen retrieval.



MCHR2 Antibody (PA1-31050) in IHC (P)
Immunohistochemical (Paraffin) analysis of brain, amygdala, neurons and cell processes tissue using (Product # PA1-31050) MCHR2 Polyclonal Antibody.

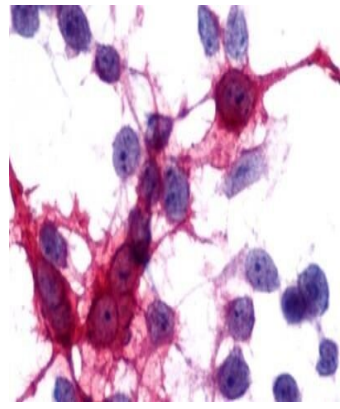


MCHR2 Antibody (PA1-31050) in IHC (P)
Immunohistochemical (Paraffin) analysis of brain, caudate, neurons and glia tissue using (Product # PA1-31050) MCHR2 Polyclonal Antibody.

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MCHR2 Antibody (PA1-31050) in ICC/IF

Immunocytochemistry analysis of HEK293 transfected with MCHR2 using MCHR2 Polyclonal Antibody (Product # PA1-31050).

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