Rabbit anti-Human MCHR2 Polyclonal Antibody | anti-MCHR2 antibody

MCHR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325590	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

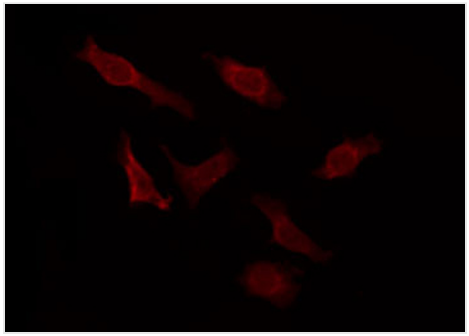
PRODUCT SYNONYMS

MCHR2; Polyclonal Antibody; MCHR2 Antibody; G protein coupled receptor 145; G protein coupled receptor slt; G-protein coupled receptor 145; GPR145; GPRv17; MCH receptor 2; MCH-2R; MCH-R2; MCH2; MCH2R; MCHR-2; MCHR2_HUMAN; Melanin concentrating hormone receptor 2; Melanin-concentrating hormone receptor 2; SLT; anti-MCHR2 antibody

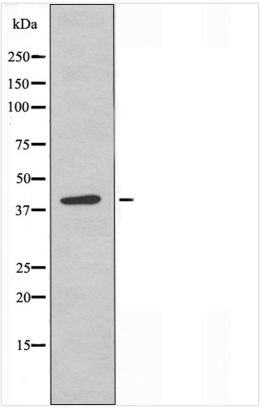
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MCHR2 antibody detects endogenous levels of total MCHR2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	340
Applicable Applications for anti-MCHR2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Specifically expressed in the brain, with highest levels in cerebral cortex, hippocampus and amygdala. No expression detected in the cerebellum, thalamus or hypothalamus.
Predicted Cross Reactivity	**Bovine**
Similarity	Bovine (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325590 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HUVEC cells, using MCHR2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MCHR2 antibody	Function: Receptor for melanin-concentrating hormone, coupled to G proteins that activate phosphoinositide hydrolysis. Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	93277083
NCBI GeneID	84539
NCBI Accession #	NP_001035269.1
NCBI GenBank Nucleotide #	NM_001040179.1
UniProt Accession #	Q969V1; Q5VTV7; Q6Q377; Q9BXA8; B3KVW4; E1P5D7
Molecular Weight	Observed: 39 kD Predicted: 39 kDa
NCBI Official Full Name	melanin-concentrating hormone receptor 2
NCBI Official Synonym Full Names	melanin concentrating hormone receptor 2
NCBI Official Symbol	MCHR2
NCBI Official Synonym Symbols	SLT; MCH2; MCH2R; GPR145; GPRv17; MCH-2R; MCH-R2; MCHR-2
NCBI Protein Information	melanin-concentrating hormone receptor 2
UniProt Protein Name	Melanin-concentrating hormone receptor 2
UniProt Gene Name	**MCHR2**
UniProt Synonym Gene Names	GPR145; SLT; MCH receptor 2; MCH-R2; MCHR-2; MCH2; MCH2R

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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