

Rabbit MCHR1 Polyclonal Antibody | anti-MCHR1 antibody

MCHR1 Antibody (C-term)

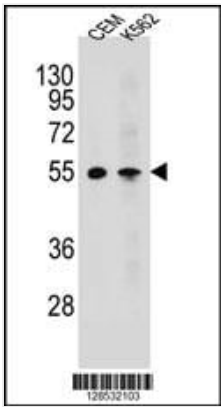
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285800	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

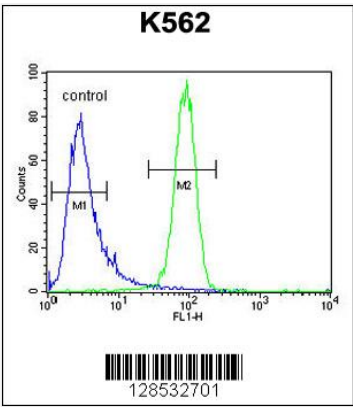
MCHR1; Polyclonal Antibody; MCHR1 Antibody (C-term); Melanin-concentrating hormone receptor 1; MCH receptor 1; MCH-R1; MCHR-1; G-protein coupled receptor 24; MCH-1R; MCH1R; MCHR; SLC-1; Somatostatin receptor-like protein; GPR24; SLC1; anti-MCHR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MCHR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 396-422 amino acids from the C-terminal region of human MCHR1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	396-422
Sequence Length	422
Applicable Applications for anti-MCHR1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
MCHR1 Antibody (C-term) western blot analysis in CEM,K562 cell line lysates (35ug/lane).This demonstrates the MCHR1 antibody detected the MCHR1 protein (arrow).



FCM/FACS (Flow Cytometry)
MCHR1 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
MCHR1 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MCHR1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-MCHR1 antibody	The protein encoded by this gene, a member of the G protein-coupled receptor family 1, is an integral plasma membrane protein which binds melanin-concentrating hormone. The encoded protein can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, this protein does not seem to bind somatostatin.
Product Categories/Family for anti-MCHR1 antibody	Neuroscience; GPCR Antibodies
References	Miyamoto-Matsubara, M., et al. Ann. N. Y. Acad. Sci. 1200, 112-119 (2010) : Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Miller, C.L., et al. Schizophr. Res. 113 (2-3), 259-267 (2009) : Gavalas, N.G., et al. Exp. Dermatol. 18(5):454-463(2009) de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758590
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NCBI GeneID	2847
NCBI Accession #	NP_005288.3
NCBI GenBank Nucleotide #	NM_005297.3
UniProt Accession #	Q99705; Q5R3J1; Q96S47; Q9BV08; B2RBX6
Molecular Weight	45963
NCBI Official Full Name	melanin-concentrating hormone receptor 1
NCBI Official Synonym Full Names	melanin-concentrating hormone receptor 1
NCBI Official Symbol	MCHR1
NCBI Official Synonym Symbols	SLC1; GPR24; MCH1R; SLC-1; MCH-1R
NCBI Protein Information	melanin-concentrating hormone receptor 1
UniProt Protein Name	Melanin-concentrating hormone receptor 1
UniProt Gene Name	MCHR1
UniProt Synonym Gene Names	GPR24; SLC1; MCH receptor 1; MCH-R1; MCHR-1; MCH1R; MCHR
UniProt Entry Name	MCHR1_HUMAN

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mchr1-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/285800>