

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

MSHR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325596	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

MSHR; Polyclonal Antibody; MSHR Antibody; CMM5; MC1-R; MC1R; Melanocortin 1 receptor; Melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor); Melanocortin receptor 1; Melanocyte-stimulating hormone receptor; Melanotropin receptor; MSH-R; MSHR_HUMAN; SHEP2; anti-MSHR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MSHR antibody detects endogenous levels of total MSHR
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	317
Applicable Applications for anti-MSHR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Melanocytes and corticoadrenal tissue.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325596 staining COLO205 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 HepG2, using MSHR Antibody.

**WB (Western Blot)**

Western blot analysis of extracts from COLO205 cells, using MSHR antibody.

**WB (Western Blot)**

Western blot analysis of extracts from 293, using MSHR Antibody. Lane 1 was treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MSHR antibody

Function: Receptor for MSH (alpha, beta and gamma) and ACTH. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.
Subunit Structure: Interacts with MGRN1, but does not undergo MGRN1-mediated ubiquitination; this interaction competes with GNAS-binding and thus inhibits agonist-induced cAMP production.
Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	193083134
NCBI GeneID	4157
NCBI Accession #	NP_002377.4
NCBI GenBank Nucleotide #	NM_002386.3
UniProt Accession #	Q01726; Q66K38; Q6UR93; Q8WWX6; Q8WWX7; Q96I33; Q96RU4; Q9UBF7; Q9UN58; Q9UN59; Q9UN60; Q9UN61
Molecular Weight	Observed: 35 kD Predicted: 35 kDa
NCBI Official Full Name	melanocyte-stimulating hormone receptor
NCBI Official Synonym Full Names	melanocortin 1 receptor
NCBI Official Symbol	MC1R
NCBI Official Synonym Symbols	CMM5; MSH-R; SHEP2
NCBI Protein Information	melanocyte-stimulating hormone receptor
UniProt Protein Name	Melanocyte-stimulating hormone receptor
UniProt Gene Name	MC1R
UniProt Synonym Gene Names	MSHR; MSH-R; MC1-R

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/mshr-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325596>