

Datasheet for ABIN185386 anti-MC3R antibody (N-Term)



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1 Image

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Overview

Quantity:	100 µg
Target:	MC3R
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MC3R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Melanocortin 3 Receptor
Immunogen:	Peptide with sequence SIQKTYLEGDFV-C, from the N Terminus of the protein sequence according to NP_063941.2.
Sequence:	SIQKTYLEGD FV
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	MC3R
Alternative Name:	MC3R (MC3R Products)
Background:	Melanocortin 3 receptor, MC3R, MC3, BMIQ9, MC3-R, OB20, OQTL, Obesity quantitative trait locus
Gene ID:	4159
NCBI Accession:	NP_063941
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Western Blot: Approx 40 kDa band observed in Human Brain lysates (calculated MW of 40.1 kDa according to NP_063941.2). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Hawari, Ericsson, Kabeer, Chaussabel, Alsulaiti, Sharari, Maccalli, Khan, Hussain: "
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Understanding the Mechanism of Diabetes Mellitus in a LRBA-Deficient Patient." in: , Vol. 11,
Issue 4, (2022) ([PubMed](#)).



Image 1. ABIN185386 (1µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.