

Datasheet for ABIN1535769
anti-MC4R antibody (AA 281-330)



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1 Image

Overview

Quantity:	100 µL
Target:	MC4R
Binding Specificity:	AA 281-330
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MC4R antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MC4R.
Isotype:	IgG
Specificity:	MC4R Antibody detects endogenous levels of total MC4R protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	MC4R
Alternative Name:	MC4R (MC4R Products)
Background:	Synonyms: Melanocortin receptor 4, MC4-R, MC4R

Target Details

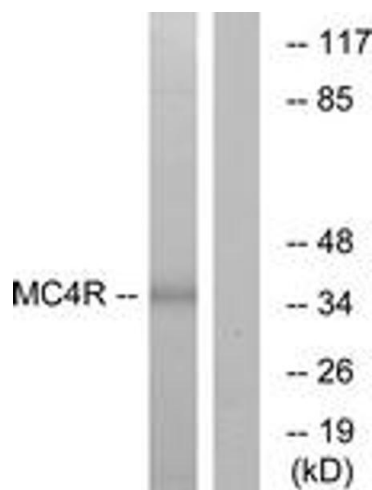
	NCBI Gene Symbol: MC4R
Molecular Weight:	36 kDa
Gene ID:	4160
OMIM:	155541
UniProt:	P32245
Pathways:	Hormone Transport , cAMP Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:40000
Comment:	Unigene-Number: Hs.532833 (NCBI Gene Symbol: MC4R)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from MCF-7 cells, using MC4R Antibody. The lane on the right is treated with the synthesized peptide.