Datasheet for ABIN1535770

anti-MC5 Receptor antibody (AA 271-320)

2 Images

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Overview

Quantity:	100 µg
Target:	MC5 Receptor (MC5R)
Binding Specificity:	AA 271-320
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MC5 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MC5R.
Isotype:	IgG
Specificity:	MC5R Antibody detects endogenous levels of total MC5R protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	MC5 Receptor (MC5R)
Alternative Name:	MC5R (MC5R Products)
Background:	Synonyms: Melanocortin receptor 5, MC5-R, MC-2, MC5R

Target Details

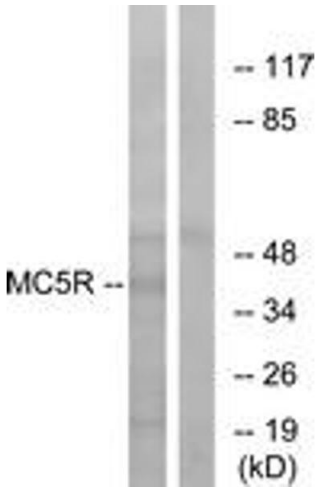
	NCBI Gene Symbol: MC5R
Molecular Weight:	36 kDa
Gene ID:	4161
OMIM:	600042
UniProt:	P33032
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.248145 (NCBI Gene Symbol: MC5R)
Restrictions:	For Research Use only

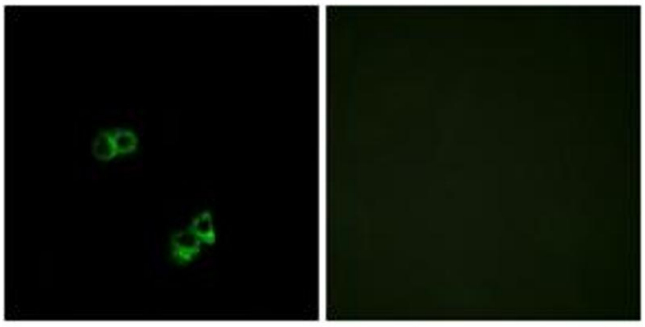
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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 K562 cells, using MC5R Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of MCF7 cells, using MC5R Antibody. The picture on the right is treated with the synthesized peptide.

