Datasheet for ABIN6143613

anti-MC3R antibody (AA 1-120)

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1 Image

Overview

Quantity:	100 µL
Target:	MC3R
Binding Specificity:	AA 1-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MC3R antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human MC3R (NP_063941.3).
Sequence:	MNASCCLPSV QPTLPNGSEH LQAPFFSNQS SSAFCEQVFI KPEVFLSLGI VSLLENILVI LAVVRNGNLH SPMYFFLCSL AVADMLVSVS NALETIMIAI VHSDYLTFED QFIQHMDNIF
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	MC3R

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Target Details

Alternative Name:	MC3R (MC3R Products)
Background:	This gene encodes a G-protein-coupled receptor for melanocyte-stimulating hormone and adrenocorticotropic hormone that is expressed in tissues other than the adrenal cortex and melanocytes. This gene maps to the same region as the locus for benign neonatal epilepsy. Mice deficient for this gene have increased fat mass despite decreased food intake, suggesting a role for this gene product in the regulation of energy homeostasis. Mutations in this gene are associated with a susceptibility to obesity in humans.,MC3R,BMIQ9,MC3,MC3-R,OB20,OQTL,Cancer,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Endocrine & Metabolism,Lipid Metabolism,Immunology & Inflammation,Neuroscience,Cardiovascular,Heart,Lipids,Fatty Acids,Cardiovascular diseases,Heart disease,MC3R
Molecular Weight:	36 kDa
Gene ID:	4159
UniProt:	P41968
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.

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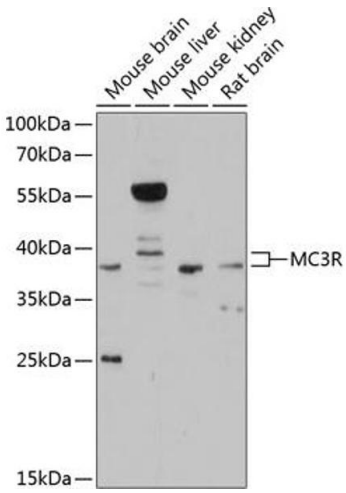

Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using MC3R antibody (ABIN6128220, ABIN6143613, ABIN6143616 and ABIN6215298) at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

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