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Datasheet for ABIN7043325

anti-MC5 Receptor antibody (3rd Intracellular Loop)

2 Images

Overview

Quantity:	50 µL
Target:	MC5 Receptor (MC5R)
Binding Specificity:	3rd Intracellular Loop, AA 224-236
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MC5 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RYNSVRQRTSMKG, corresponding to amino acid residues 224-236 of mouse MC5R
Isotype:	IgG
Characteristics:	Anti-MC5 Receptor Antibody is directed against an epitope of the mouse melanocortin receptor 5. Anti-MC5 Receptor Antibody (ABIN7043325 and ABIN7044598)) can be used in western blot and immunohistochemical applications. It has been designed to recognize MC5R from mouse, human and rat samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

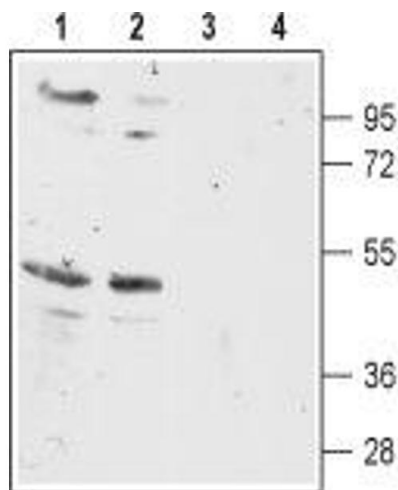
Target:	MC5 Receptor (MC5R)
Alternative Name:	MC5 Receptor (MC5R Products)
Background:	Alternative names: MC5 Receptor, Melanocortin receptor 5, MC5R, MC5-R
Gene ID:	17203
NCBI Accession:	NM_005913
UniProt:	P41149
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

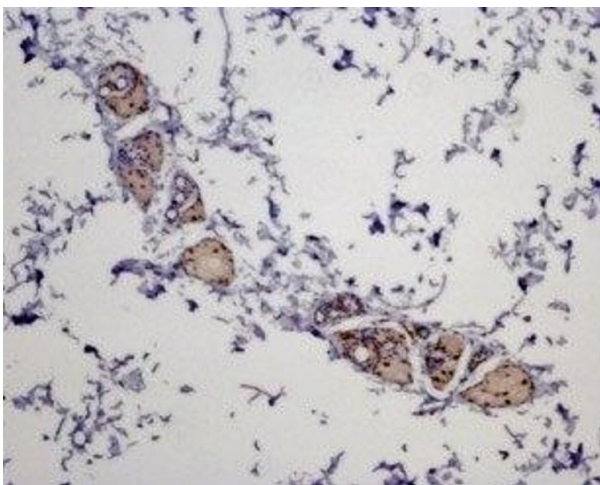
Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.6 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
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:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain membranes: - 1,2. Anti-MC5 Receptor Antibody (ABIN7043325 and ABIN7044598), (1:200).3,4. Anti-MC5 Receptor Antibody, preincubated with MC5 Receptor Blocking Peptide (#BLP-MR025).



Immunohistochemistry

Image 2. Expression of MC5R in rat skin - Immunohistochemical staining of paraffin embedded rat skin section using Anti-MC5 Receptor Antibody (ABIN7043325 and ABIN7044598), (1:100). MC5R staining is present in sebaceous glands. Hematoxylin is used as the counterstain.