

Datasheet for ABIN7296266
anti-MC4R antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	MC4R
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Sheep, Monkey, Rabbit, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MC4R antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MC4 Receptor.
Specificity:	Recognizes endogenous levels of MC4 Receptor protein.
Characteristics:	Rabbit polyclonal antibody to MC4 Receptor
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

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

Target Details

Gene ID:	4160, 17202, 25635
UniProt:	P32245 , P56450 , P70596
Pathways:	Hormone Transport , cAMP Metabolic Process , Feeding Behaviour

Application Details

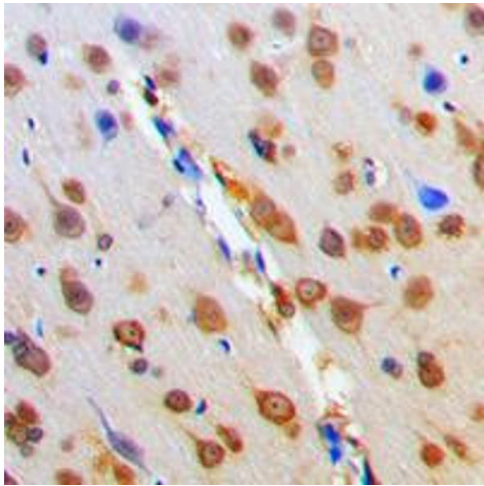
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

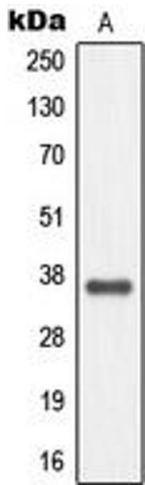
Publications

Product cited in:	Liu, Albrecht, Schering, Kuehn, Yang, Zhao, Maak: "Agouti Signaling Protein and Its Receptors as Potential Molecular Markers for Intramuscular and Body Fat Deposition in Cattle." in: Frontiers in physiology , Vol. 9, pp. 172, (2018) (PubMed).
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Immunohistochemistry

Image 1. Immunohistochemical analysis of MC4 Receptor staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of MC4 Receptor expression in EOC20 (A) whole cell lysates.