

Datasheet for ABIN1590122
anti-MC4R antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	MC4R
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MC4R antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	MC4R
Sequence:	NSTHRGMHTS LH
Isotype:	IgG
Specificity:	The immunizing peptide represents extracellular part of the protein
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	MC4R
Alternative Name:	MC4R (MC4R Products)
Background:	MC4R, melanocortin 4 receptor, MC4-R, melanocortin receptor 4
Gene ID:	4160
NCBI Accession:	NP_005903
Pathways:	Hormone Transport , cAMP Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	Western Blot: Preliminary experiments in Human Brain, Colon, Duodenum, Ileum and Placenta lysates gave no specific signal but low background (at antibody concentration up to 1 µg/mL). Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

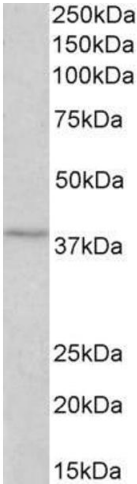


Image 1. ABIN1590122 (2 µg/mL) staining of MCF7 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.