

Datasheet for ABIN7159214

anti-MC4R antibody (AA 1-43) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MC4R
Binding Specificity:	AA 1-43
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MC4R antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Melanocortin receptor 4 protein (1-43AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MC4R
Alternative Name:	MC4R (MC4R Products)
Background:	Background: Receptor specific to the heptapeptide core common to adrenocorticotrophic hormone and alpha-, beta-, and gamma-MSH. Plays a central role in energy homeostasis and

Target Details

somatic growth. This receptor is mediated by G proteins that stimulate adenylate cyclase (cAMP).

Aliases: MC4 Receptor antibody, MC4-R antibody, MC4R antibody, MC4R_HUMAN antibody, Melanocortin 4 receptor antibody, Melanocortin receptor 4 antibody, MGC126851 antibody, MGC138197 antibody

UniProt: [P32245](#)

Pathways: [Hormone Transport](#), [cAMP Metabolic Process](#), [Feeding Behaviour](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.