

MC4R Rabbit pAb

Catalog No.: A10228

Basic Information

Catalog No.

A10228

Observed MW

37kDa

Calculated MW

36kDa

Category

Primary antibody

Applications

WB, IHC, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:100
IF	1:50 - 1:100

Contact

 | www.abclonal.com

Background

The protein encoded by this gene is a membrane-bound receptor and member of the melanocortin receptor family. The encoded protein interacts with adrenocorticotrophic and MSH hormones and is mediated by G proteins. This is an intronless gene. Defects in this gene are a cause of autosomal dominant obesity.

Immunogen Information

Gene ID	Swiss Prot
4160	P32245

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MC4R (NP_005903.2).

Synonyms

MC4R

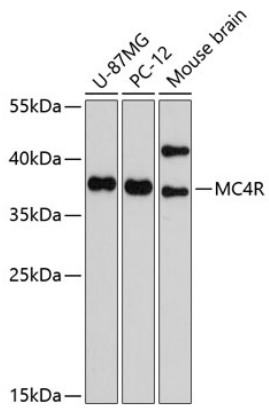
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

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

Validation Data



Western blot analysis of extracts of various cell lines, using MC4R Antibody (A10228) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.