

## Product Datasheet

# MC4R Antibody

Catalog No: AY2943

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB



### Information

**UniProt ID:** P32245

**All Names:** MC4-R; MC4R; melanocortin-4 receptor

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide derived from human MC4R

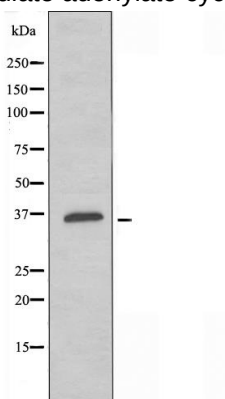
**Molecular Wt.:** 37 kDa

### Application

WB: 1:500~1:1000

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



Western blot analysis of extracts from MCF-7 cells, using MC4R antibody.

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