

Datasheet for ABIN6242436  
**anti-MC4R antibody (AA 25-57)**



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2 Images

### Overview

Quantity:	400 µL
Target:	MC4R
Binding Specificity:	AA 25-57
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MC4R antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This DANRE mc4r antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 25-57 amino acids from the human region of DANRE mc4r.
Clone:	RB52063
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	MC4R
Alternative Name:	mc4r ( <a href="#">MC4R Products</a> )
Background:	Receptor specific to the heptapeptide core common to adrenocorticotrophic hormone and

## Target Details

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).

Molecular Weight: 36435

UniProt: [B0V1P1](#)

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

## Application Details

Application Notes: WB: 1:1000. WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

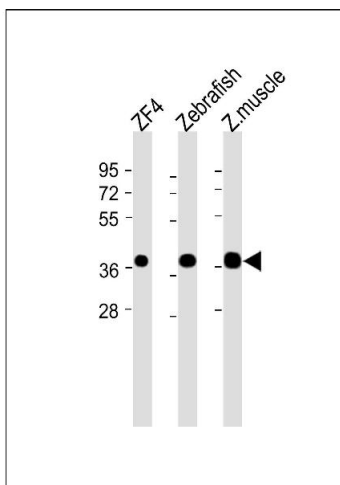
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

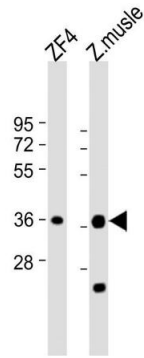
Expiry Date: 6 months

## Images



### Western Blotting

**Image 1.** All lanes : Anti-(DANRE) mc4r Antibody (N-Term) at 1:2000 dilution Lane 1: ZF4 whole cell lysate Lane 2: Zebrafish whole cell lysate Lane 3: Z. muscle whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



### Western Blotting

**Image 2.** All lanes : Anti-(DANRE) mc4r Antibody (N-Term) at 1:1000 dilution Lane 1: ZF4 whole cell lysate Lane 2: Z. muscle whole lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.