

Datasheet for ABIN1408994

**anti-MC2R antibody (AA 67-105) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | MC2R                                                                                                                                             |
| Binding Specificity: | AA 67-105                                                                                                                                        |
| Reactivity:          | Human                                                                                                                                            |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This MC2R antibody is conjugated to HRP                                                                                                          |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human MC2 receptor |
| Isotype:              | IgG                                                              |
| Predicted Reactivity: | Human,Mouse,Rat,Dog                                              |
| Purification:         | Purified by Protein A.                                           |

## Target Details

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Target:           | MC2R                                                                              |
| Alternative Name: | ACTHR ( <a href="#">MC2R Products</a> )                                           |
| Background:       | Synonyms: ACTH receptor, ACTH-R, ACTHR, ACTHR_HUMAN, Adrenocorticotrophic hormone |

## Target Details

receptor, Adrenocorticotropin receptor, MC2-R, MC2R, Melanocortin 2 receptor, Melanocortin receptor 2.

Background: MC2R encodes one member of the five-member G-protein associated melanocortin receptor family. Melanocortins (melanocyte-stimulating hormones and adrenocorticotrophic hormone) are peptides derived from pro-opiomelanocortin (POMC). MC2R is selectively activated by adrenocorticotrophic hormone, whereas the other four melanocortin receptors recognize a variety of melanocortin ligands. Mutations in MC2R can result in familial glucocorticoid deficiency.

Gene ID: 4158

Pathways: [cAMP Metabolic Process](#)

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months