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Datasheet for ABIN4996017

anti-MC2R antibody (AA 67-105) (AbBy Fluor® 680)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | MC2R |
| Binding Specificity: | AA 67-105 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MC2R antibody is conjugated to AbBy Fluor® 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

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 (MC2R Products) |
| 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: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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.

Storage: -20 °C

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

Expiry Date: 12 months