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Datasheet for ABIN1391101

anti-MC2R antibody (AA 67-105) (Biotin)

Overview

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months