

## Product datasheet for **TA358503**

### MC2 receptor (MC2R) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep <b>Homology:</b> Cow: 79%; Dog: 93%; Guinea Pig: 85%; Horse: 86%; Human: 100%; Mouse: 93%; Rabbit: 86%; Rat: 93%; Sheep: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	33kDa
Gene Name:	melanocortin 2 receptor
Database Link:	<a href="#">NP_000520</a> <a href="#">Entrez Gene 4158 Human Q01718</a>
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.



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**Synonyms:** ACTH-R; ACTHR; MC2-R; MGC125798; OTTHUMP00000162512  
**Protein Families:** Druggable Genome, GPCR, Transmembrane  
**Protein Pathways:** Neuroactive ligand-receptor interaction

**Product images:**

WB Suggested Anti-MC2R Antibody  
Titration: 1.0 ug/ml  
Positive Control: Fetal kidney