

## Product datasheet for **TA358389**

### MC4 Receptor (MC4R) Rabbit Polyclonal Antibody

#### Product data:

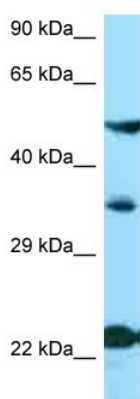
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep <b>Homology:</b> Cow: 100%; Dog: 93%; Goat: 92%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%
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:	37kDa
Gene Name:	melanocortin 4 receptor
Database Link:	<a href="#">NP_005903</a> <a href="#">Entrez Gene 4160 Human P32245</a>
Background:	The protein encoded by this gene is a membrane-bound receptor and member of the melanocortin receptor family. The encoded protein interacts with adrenocorticotrophic and MSH hormones and is mediated by G proteins. This is an intronless gene. Defects in this gene are a cause of autosomal dominant obesity.
Synonyms:	MC4-R; MGC126851; MGC138197
Protein Families:	Druggable Genome, GPCR, Transmembrane



[View online »](#)

Protein Pathways: Neuroactive ligand-receptor interaction

### Product images:



WB Suggested Anti-MC4R Antibody  
Titration: 1.0 ug/ml  
Positive Control: ACHN Whole Cell