

## Anti-MC4-R antibody



<b>Description</b>	Rabbit polyclonal to MC4-R.
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<b>Model</b>	STJ94040
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human MC4-R
<b>Immunogen Region</b>	250-330 aa, C-terminal
<b>Gene ID</b>	<a href="#">4160</a>
<b>Gene Symbol</b>	<a href="#">MC4R</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
<b>Specificity</b>	MC4-R Polyclonal Antibody detects endogenous levels of MC4-R protein.
<b>Tissue Specificity</b>	Brain, placental, and gut tissues.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Melanocortin receptor 4 MC4-R
<b>Molecular Weight</b>	37 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:6932</a> <a href="#">OMIM:155541</a>
<b>Alternative Names</b>	Melanocortin receptor 4 MC4-R
<b>Function</b>	Receptor specific to the heptapeptide core common to adrenocorticotropic hormone and alpha-, beta-, and gamma-MSH. Plays a central role in energy homeostasis and somatic growth. This receptor is mediated by G proteins that stimulate adenylate cyclase (cAMP).
<b>Cellular Localization</b>	Cell membrane

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