

Anti-MC4-R antibody



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

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6932OMIM:155541
Alternative Names	Melanocortin receptor 4 MC4-R
Function	Receptor specific to the heptapeptide core common to adrenocorticotrophic 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).
Cellular Localization	Cell membrane

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com