

Product datasheet for **TA321731**

MC4 Receptor (MC4R) Rabbit Polyclonal Antibody

Product data:

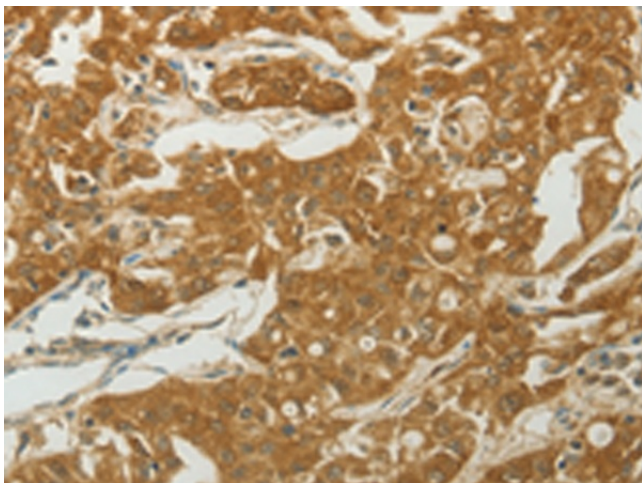
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm, Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 20-33 amino acids of Human melanocortin 4 receptor
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	melanocortin 4 receptor
Database Link:	NP_005903 Entrez Gene 17202 Mouse Entrez Gene 4160 Human P32245
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:	MGC126851; MGC138197
Protein Families:	Druggable Genome, GPCR, Transmembrane



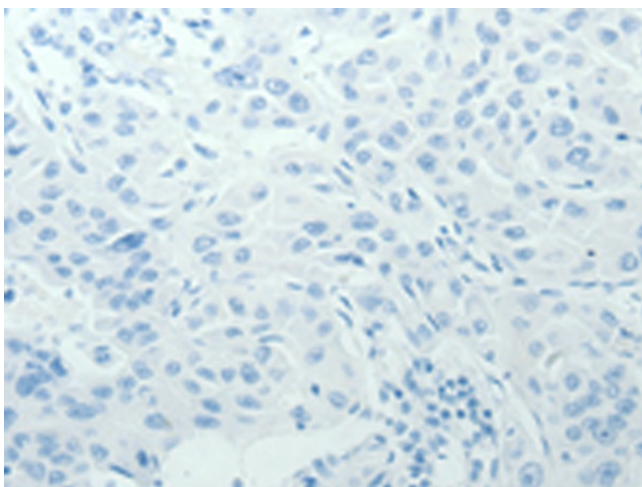
[View online »](#)

Protein Pathways: Neuroactive ligand-receptor interaction

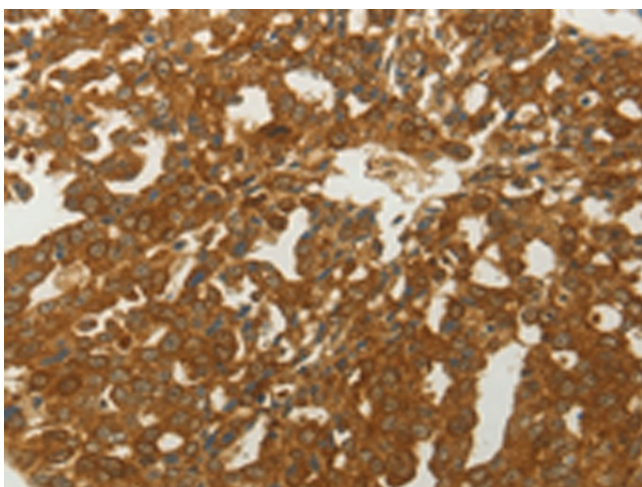
Product images:



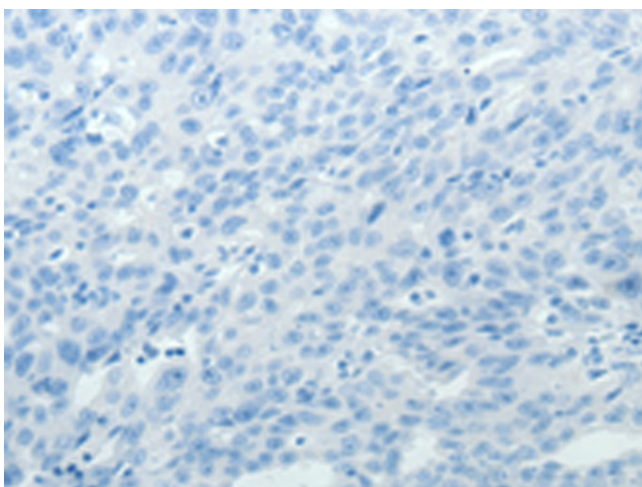
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA321731 (MC4R Antibody) at dilution 1/50 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA321731 (MC4R Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321731 (MC4R Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321731 (MC4R Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)