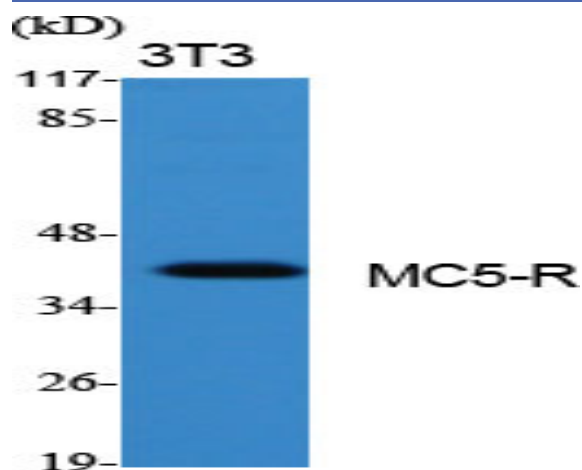


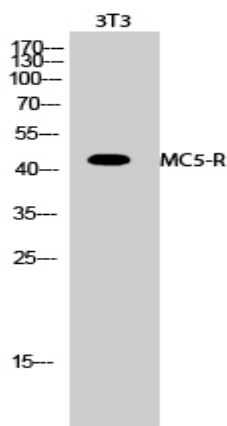
MC5-R Polyclonal Antibody

Catalog No :	YT2676
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC
Target :	MC5-R
Fields :	>>Neuroactive ligand-receptor interaction
Gene Name :	MC5R
Protein Name :	Melanocortin receptor 5
Human Gene Id :	4161
Human Swiss Prot No :	P33032
Mouse Swiss Prot No :	P41149
Rat Gene Id :	25726
Rat Swiss Prot No :	P35345
Immunogen :	The antiserum was produced against synthesized peptide derived from human MC5R. AA range:271-320
Specificity :	MC5-R Polyclonal Antibody detects endogenous levels of MC5-R protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	40kD
Cell Pathway :	Neuroactive ligand-receptor interaction;
Background :	This gene encodes a member of the seven-pass transmembrane G protein-coupled melanocortin receptor protein family that stimulate cAMP signal transduction. The encoded protein is a receptor for melanocyte-stimulating hormone and adrenocorticotrophic hormone and is suggested to play a role in sebum generation. [provided by RefSeq, Jun 2010],
Function :	function:Receptor for MSH (alpha, beta and gamma) and ACTH. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. This receptor is a possible mediator of the immunomodulation properties of melanocortins.,online information:Melanocortin receptor entry,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in the brain but not in the melanoma cells.,
Subcellular Location :	Cell membrane; Multi-pass membrane protein.
Expression :	Expressed in the brain but not in the melanoma cells.

Products Images

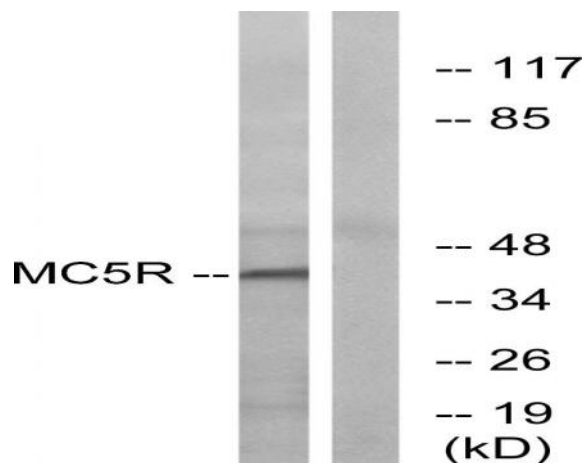




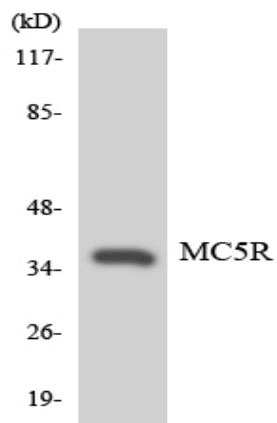
Western Blot analysis of 3T3 cells using MC5-R Polyclonal Antibody



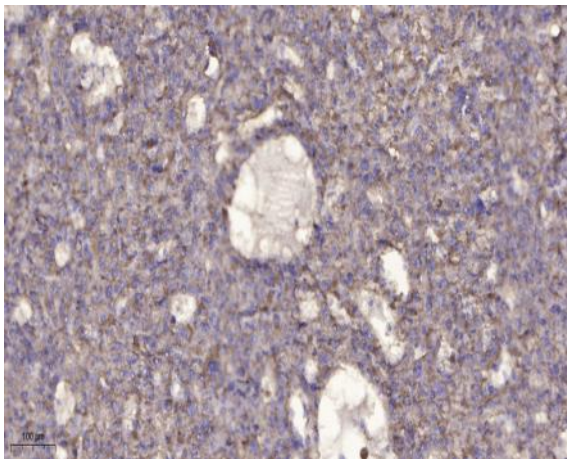
Immunofluorescence analysis of MCF7 cells, using MC5R Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from K562 cells, using MC5R Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using MC5R antibody.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).