



# MC5-R Polyclonal Antibody

<b>Catalog No</b>	BYab-13406
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;IHC
<b>Gene Name</b>	MC5R
<b>Protein Name</b>	Melanocortin receptor 5
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MC5R. AA range:271-320
<b>Specificity</b>	MC5-R Polyclonal Antibody detects endogenous levels of MC5-R protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MC5R; Melanocortin receptor 5; MC5-R; MC-2
<b>Observed Band</b>	40kD
<b>Cell Pathway</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	Expressed in the brain but not in the melanoma cells.
<b>Function</b>	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.,
<b>Background</b>	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

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sebum generation. [provided by RefSeq, Jun 2010],

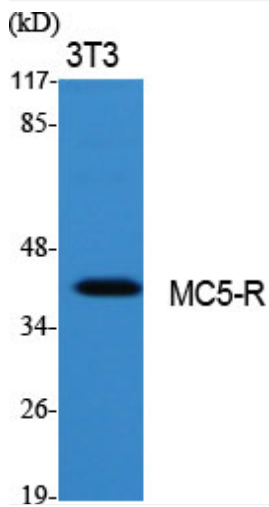
**matters needing attention**

Avoid repeated freezing and thawing!

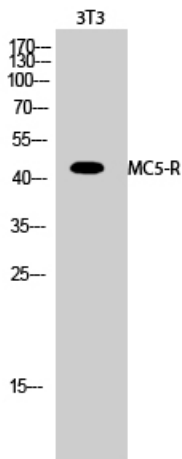
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

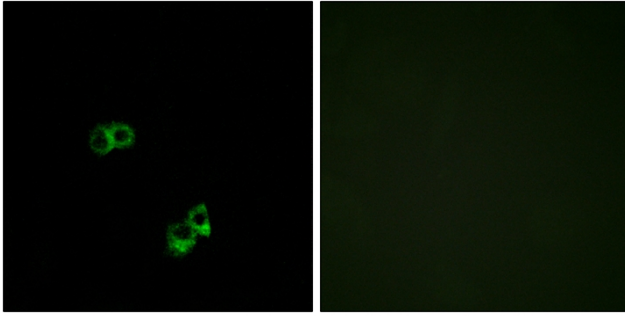


Western Blot analysis of various cells using MC5-R Polyclonal Antibody

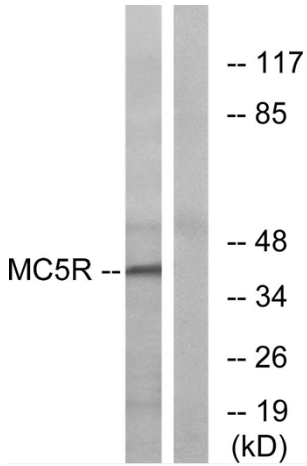


Western Blot analysis of 3T3 cells using MC5-R Polyclonal Antibody

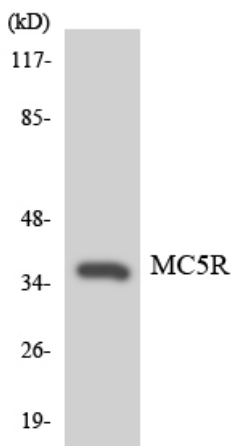
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Immunofluorescence analysis of MCF7 cells, using MC5R Antibody. The picture on the right is blocked with the synthesized peptide.



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.