Best Tools for immunology Research

NMBR Polyclonal Antibody

Catalog No :	YT3148
Reactivity :	Human;Mouse;Rat
Applications :	WB;IF;ELISA
Target :	NMBR
Fields :	>>Neuroactive ligand-receptor interaction
Gene Name :	NMBR
Protein Name :	Neuromedin-B receptor
Human Gene Id :	4829
Human Swiss Prot No :	P28336
Mouse Gene Id :	18101
Mouse Swiss Prot No :	O54799
Rat Gene Id :	25264
Rat Swiss Prot No :	P24053
Immunogen :	The antiserum was produced against synthesized peptide derived from human NMBR. AA range:221-270
Specificity :	NMBR Polyclonal Antibody detects endogenous levels of NMBR protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.

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 : 43kD

Cell Pathway : Neuroactive ligand-receptor interaction;

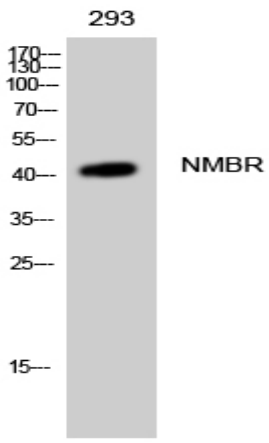
Background : This gene encodes a 7-transmembrane G protein-coupled receptor that binds neuromedin B, which is a growth factor and mitogen for gastrointestinal epithelial tissue and for normal and neoplastic lung. This receptor may play a role in smooth muscle contraction, neuronal responses, and the regulation of cell growth. Antagonists of this receptor have a potential therapeutic use in inhibiting tumor cell growth. Polymorphisms in this gene may be associated with a susceptibility for schizophrenia. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2016],

Function : function:Receptor for neuromedin-B.,similarity:Belongs to the G-protein coupled receptor 1 family.,

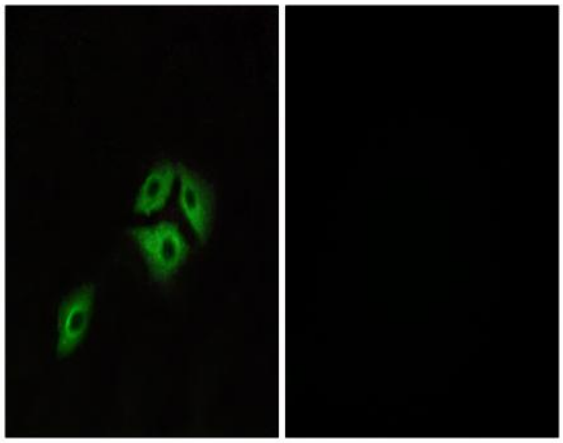
Subcellular Location : Cell membrane ; Multi-pass membrane protein .

Expression : Expressed in epididymis (at protein level).

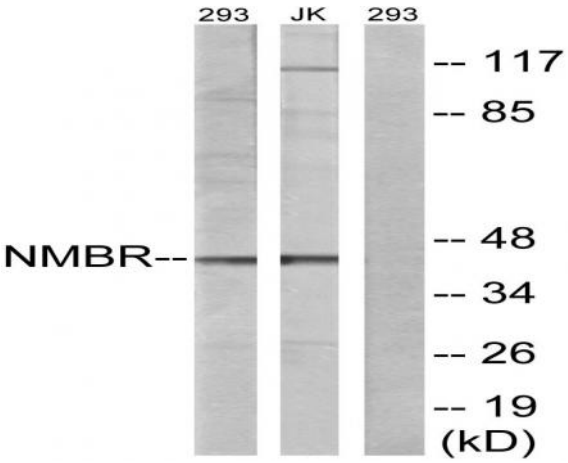
Products Images



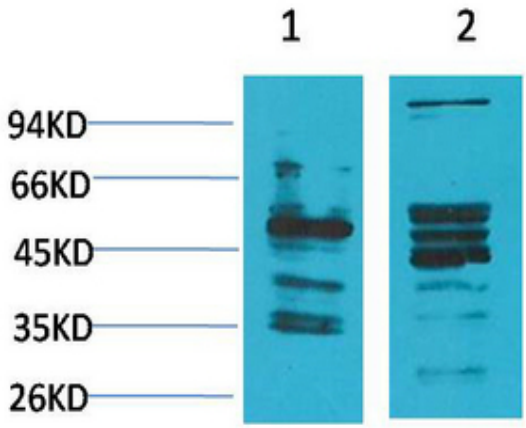
Western Blot analysis of 293 cells using NMBR Polyclonal Antibody



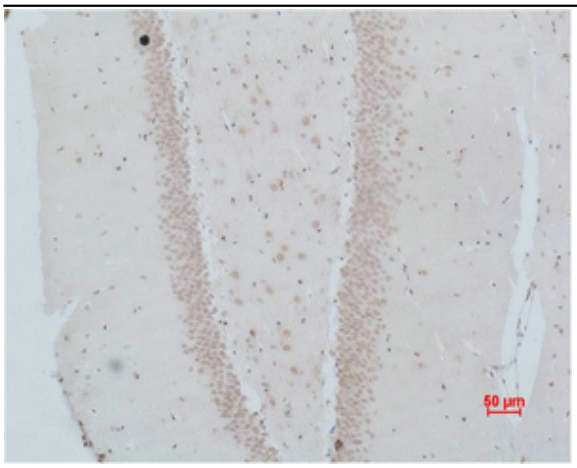
Immunofluorescence analysis of A549 cells, using NMBR Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 and Jurkat cells, using NMBR Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of 1) Human Brain Tissue, 2) Rat Brain Tissue using NMBR Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using NMBR Polyclonal Antibody.