

**Product Name: NMBR Rabbit Polyclonal Antibody**  
**Catalog #: APRab14754**



## Summary

|                        |                                 |
|------------------------|---------------------------------|
| <b>Production Name</b> | NMBR Rabbit Polyclonal Antibody |
| <b>Description</b>     | Rabbit Polyclonal Antibody      |
| <b>Host</b>            | Rabbit                          |
| <b>Application</b>     | WB,IF-P,IF-F,ICC/IF,ELISA       |
| <b>Reactivity</b>      | Human,Mouse,Rat                 |

## Performance

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                      |
| <b>Modification</b> | Unmodified                                                                                        |
| <b>Isotype</b>      | IgG                                                                                               |
| <b>Clonality</b>    | Polyclonal                                                                                        |
| <b>Form</b>         | Liquid                                                                                            |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| <b>Purification</b> | Affinity purification                                                                             |

## Immunogen

|                          |                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | NMBR                                                                                                             |
| <b>Alternative Names</b> | NMBR; Neuromedin-B receptor; NMB-R; Epididymis tissue protein Li 185a; Neuromedin-B-preferring bombesin receptor |
| <b>Gene ID</b>           | 4829.0                                                                                                           |
| <b>SwissProt ID</b>      | P28336.The antiserum was produced against synthesized peptide derived from human NMBR. AA range:221-270          |

## Application

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| <b>Dilution Ratio</b> | WB 1:500-1:2000, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:5000.Not yet tested in other applications. |
|-----------------------|----------------------------------------------------------------------------------------------------|

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**Molecular Weight** 43kDa

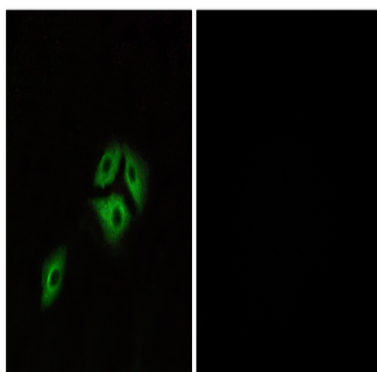
## Background

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

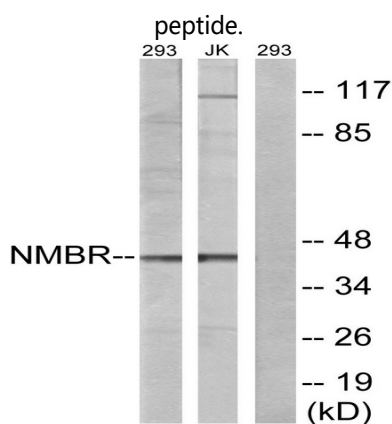
## Research Area

Neuroactive ligand-receptor interaction;

## Image Data



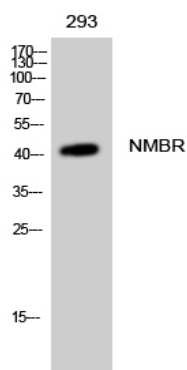
Immunofluorescence analysis of A549 cells, using NMBR Antibody. The picture on the right is blocked with the synthesized



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

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Western Blot analysis of 293 cells using NMBR Polyclonal Antibody

### **Note**

For research use only.