

**Product Name: Neurokinin 1 Receptor Rabbit Polyclonal Antibody****Catalog #: APRab00305**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Rabbit polyclonal Antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,IP  |
| <b>Reactivity</b>    | Human,Mouse,Rat  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Polyclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> | 1mg/ml   |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                        |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| <b>Purification</b>  | Affinity Chromatography  |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,IP 1:20-1:50               |
| <b>Molecular Weight</b> | Calculated MW: 46 kDa; Observed MW: 46 kDa |

**Antigen Information**

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | TACR1  |
| <b>Alternative Names</b> | TACR1; NK1R; TAC1R; Substance-P receptor; SPR; NK-1 receptor; NK-1R; Tachykinin receptor 1 |
| <b>Gene ID</b>           | 6869   |
| <b>SwissProt ID</b>      | P25103   |
| <b>Immunogen</b>         | A synthetic peptide of human Neurokinin 1 Receptor   |

**Background**

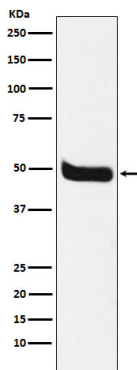
This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a

phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.

## Research Area

Neuroscience

## Image Data



Western blot analysis of Neurokinin 1 Receptor in K562 lysates using Neurokinin 1 Receptor antibody.