

**TACR1 / NK1R Antibody (Extracellular Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10340****Specification**

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**TACR1 / NK1R Antibody (Extracellular Domain) - Product Information**

|                   |                            |
|-------------------|----------------------------|
| Application       | IHC-P                      |
| Primary Accession | <a href="#">P25103</a>     |
| Reactivity        | Human, Monkey, Bovine, Dog |
| Host              | Rabbit                     |
| Clonality         | Polyclonal                 |
| Calculated MW     | 46kDa KDa                  |
| Dilution          | IHC-P~~N/A                 |

**TACR1 / NK1R Antibody (Extracellular Domain) - Additional Information****Gene ID** 6869**Other Names**

Substance-P receptor, SPR, NK-1 receptor, NK-1R, Tachykinin receptor 1, TACR1, NK1R, TAC1R

**Target/Specificity**

Human Neurokinin 1 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

TACR1 / NK1R Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**TACR1 / NK1R Antibody (Extracellular Domain) - Protein Information****Name** TACR1**Synonyms** NK1R, TAC1R**Function**

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 &gt; substance K &gt; neuromedin-K.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Volume**

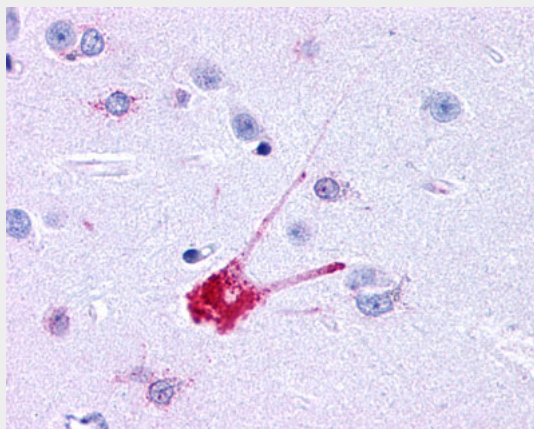
50 µl

## **TACR1 / NK1R Antibody (Extracellular Domain) - Protocols**

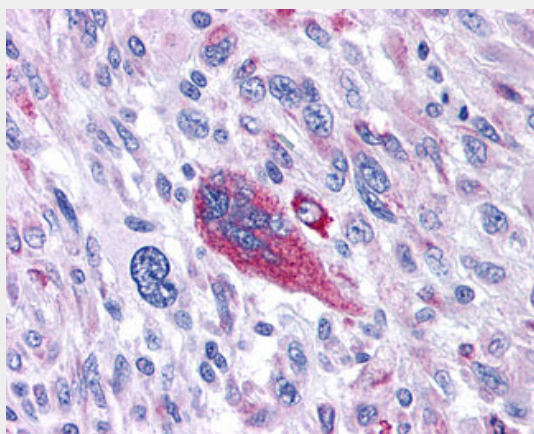
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

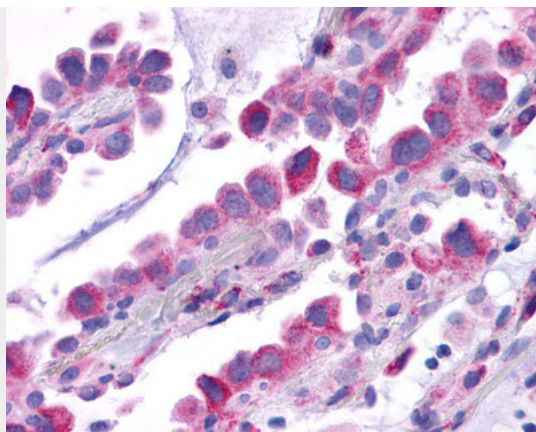
## **TACR1 / NK1R Antibody (Extracellular Domain) - Images**



Anti-Neurokinin 1 Receptor antibody ALS10340 IHC of human brain, neurons and glia.



Anti-TACR1 / NK1R antibody IHC of human Brain, Glioblastoma.



Anti-TACR1 / NK1R antibody IHC of human Lung, Adenocarcinoma.

#### **TACR1 / NK1R Antibody (Extracellular Domain) - Background**

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#### **TACR1 / NK1R Antibody (Extracellular Domain) - References**

- Takeda Y.,et al.Biochem. Biophys. Res. Commun. 179:1232-1240(1991).  
Hopkins B.,et al.Biochem. Biophys. Res. Commun. 180:1110-1117(1991).  
Gerard N.P.,et al.Biochemistry 30:10640-10646(1991).  
Takahashi K.,et al.Eur. J. Biochem. 204:1025-1033(1992).  
Fong T.M.,et al.Mol. Pharmacol. 41:24-30(1992).