

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

TACR1 / NK1R Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	P25103
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 > substance K > neuromedin-K.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Volume

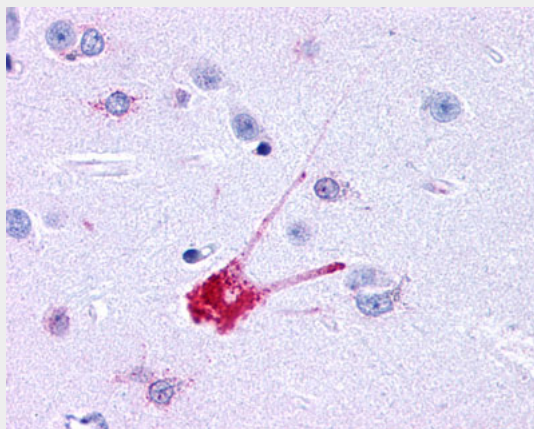
50 µl

TACR1 / NK1R Antibody (Extracellular Domain) - Protocols

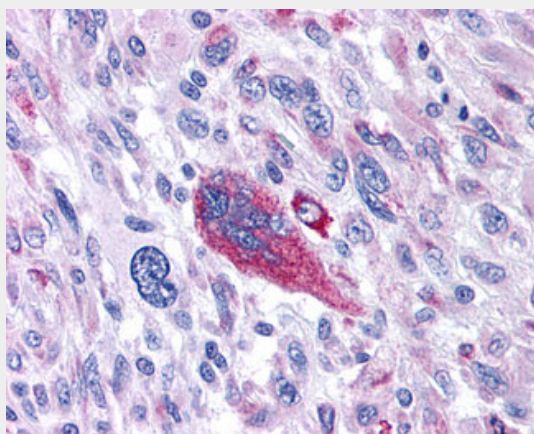
Provided below are standard protocols that you may find useful for product applications.

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

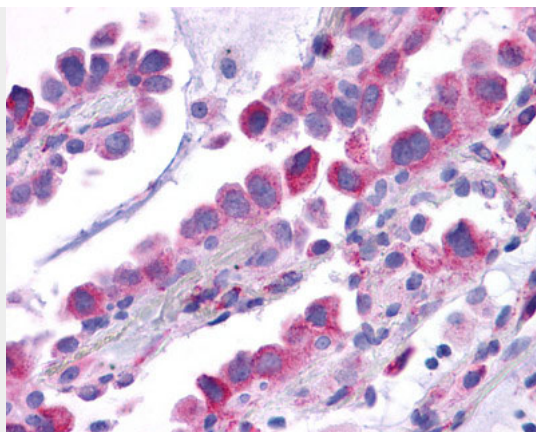
TACR1 / NK1R Antibody (Extracellular Domain) - Images



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

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.

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).