

**TACR3 / NK3R Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10739****Specification**

---

**TACR3 / NK3R Antibody (C-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">P29371</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa KDa

**TACR3 / NK3R Antibody (C-Terminus) - Additional Information****Gene ID** 6870**Other Names**

Neuromedin-K receptor, NKR, NK-3 receptor, NK-3R, Neurokinin B receptor, Tachykinin receptor 3, TACR3, NK3R, TAC3R

**Target/Specificity**

Human TACR3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

TACR3 / NK3R Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**TACR3 / NK3R Antibody (C-Terminus) - Protein Information****Name** TACR3**Synonyms** NK3R, TAC3R**Function**

This is a receptor for the tachykinin neuropeptide neuromedin-K (neurokinin B). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: neuromedin-K &gt; substance K &gt; substance P.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Volume**

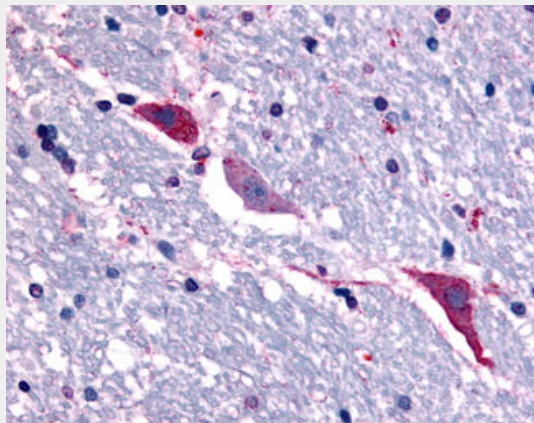
50 µl

## TACR3 / NK3R Antibody (C-Terminus) - 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](#)

## TACR3 / NK3R Antibody (C-Terminus) - Images



Anti-TACR3 antibody ALS10739 IHC of human brain, hippocampus.

## TACR3 / NK3R Antibody (C-Terminus) - Background

This is a receptor for the tachykinin neuropeptide neuromedin-K (neurokinin B). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: neuromedin-K > substance K > substance P.

## TACR3 / NK3R Antibody (C-Terminus) - References

- Huang R.-R.C., et al. *Biochem. Biophys. Res. Commun.* 184:966-972(1992).  
Buell G., et al. *FEBS Lett.* 299:90-95(1992).  
Takahashi K., et al. *Eur. J. Biochem.* 204:1025-1033(1992).  
Kopatz S.A., et al. Submitted (NOV-2003) to the EMBL/GenBank/DDBJ databases.  
Topaloglu A.K., et al. *Nat. Genet.* 41:354-358(2009).