

TACR2 / NK2R Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10324**Specification**

TACR2 / NK2R Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	P21452
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44kDa KDa
Dilution	IHC-P~~N/A

TACR2 / NK2R Antibody (Extracellular Domain) - Additional Information**Gene ID** 6865**Other Names**

Substance-K receptor, SKR, NK-2 receptor, NK-2R, Neurokinin A receptor, Tachykinin receptor 2, TACR2, NK2R, NKNAR, TAC2R

Target/Specificity

Human Neurokinin A 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

TACR2 / NK2R Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

TACR2 / NK2R Antibody (Extracellular Domain) - Protein Information**Name** TACR2**Synonyms** NK2R, NKNAR, TAC2R**Function**

This is a receptor for the tachykinin neuropeptide substance K (neurokinin A). 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: substance K > neuromedin-K > substance P.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Volume

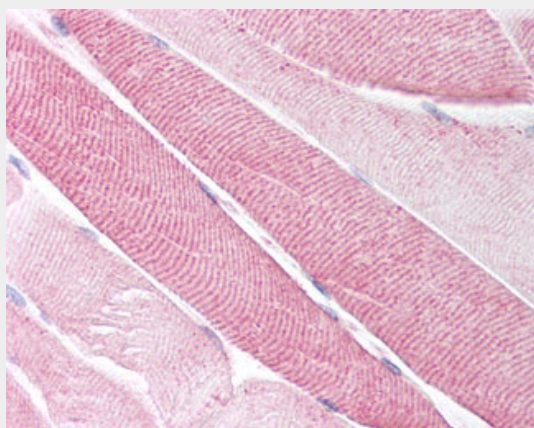
50 µl

TACR2 / NK2R 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](#)

TACR2 / NK2R Antibody (Extracellular Domain) - Images



Anti-Neurokinin A Receptor antibody ALS10324 IHC of human skeletal muscle.

TACR2 / NK2R Antibody (Extracellular Domain) - Background

This is a receptor for the tachykinin neuropeptide substance K (neurokinin A). 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: substance K > neuromedin-K > substance P.

TACR2 / NK2R Antibody (Extracellular Domain) - References

Gerard N.P., et al. J. Biol. Chem. 265:20455-20462(1990).
Gerard N.P., et al. J. Biol. Chem. 266:1354-1354(1991).
Gerard N.P., et al. Ann. N. Y. Acad. Sci. 632:389-390(1991).
Cyr C., et al. Ann. N. Y. Acad. Sci. 632:426-427(1991).
Graham A., et al. Biochem. Biophys. Res. Commun. 177:8-16(1991).