10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TACR2 / NK2R Antibody (Extracellular Domain)

Rabbit Polyclonal Antibody
Catalog # ALS10324

Specification

TACR2 / NK2R Antibody (Extracellular Domain) - Product Information

Application	**IHC**
Primary Accession	P21452
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**44kDa KDa**

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

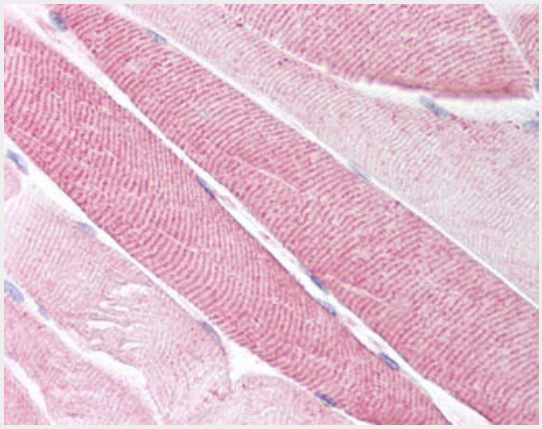
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 Cytomety
- 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).