

TACR3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14222b**Specification**

TACR3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P29371](#)**TACR3 Antibody (C-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TACR3 Antibody (C-term) Blocking Peptide - 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 > substance K > substance P.

Cellular Location

Cell membrane; Multi-pass membrane protein.

TACR3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TACR3 Antibody (C-term) Blocking Peptide - Images

TACR3 Antibody (C-term) Blocking Peptide - Background

This gene belongs to a family of genes that function as receptors for tachykinins. Receptor affinities are specified by variations in the 5'-end of the sequence. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin neurokinin 3, also referred to as neurokinin B.

TACR3 Antibody (C-term) Blocking Peptide - References

Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Gianetti, E., et al. J. Clin. Endocrinol. Metab. 95(6):2857-2867(2010) Young, J., et al. J. Clin. Endocrinol. Metab. 95(5):2287-2295(2010) Fukami, M., et al. Horm Res Paediatr 73(6):477-481(2010)