

**TACR3 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14222b****Specification**

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**TACR3 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P29371</a>
Other Accession	<a href="#">NP_001050.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52202
Antigen Region	406-435

**TACR3 Antibody (C-term) - 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**

This TACR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 406-435 amino acids from the C-terminal region of human TACR3.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

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

**TACR3 Antibody (C-term) - 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.

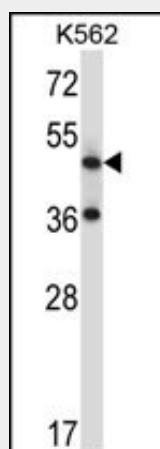
**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**TACR3 Antibody (C-term) - 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 Antibody (C-term) - Images**

TACR3 Antibody (C-term) (Cat. #AP14222b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the TACR3 antibody detected the TACR3 protein (arrow).

**TACR3 Antibody (C-term) - 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) - References**

Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010)  
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Young, J., et al. J. Clin. Endocrinol. Metab. 95(5):2287-2295(2010)  
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