

TACR1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21328b**Specification**

TACR1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P25103
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	46251

TACR1 Antibody (C-term) - Additional Information**Gene ID** 6869**Other Names**

Substance-P receptor, SPR, NK-1 receptor, NK-1R, Tachykinin receptor 1, TACR1, NK1R, TAC1R

Target/Specificity

This TACR1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 363-397 amino acids from the C-terminal region of human TACR1.

Dilution

WB~~1:2000

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

TACR1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TACR1 Antibody (C-term) - Protein Information**Name** TACR1**Synonyms** NK1R, TAC1R

Function This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank

order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.

Cellular Location

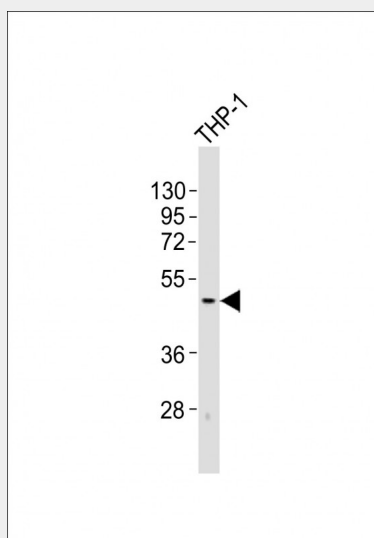
Cell membrane; Multi-pass membrane protein.

TACR1 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](#)

TACR1 Antibody (C-term) - Images



Anti-TACR1 Antibody (C-term) at 1:2000 dilution + THP-1 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

TACR1 Antibody (C-term) - Background

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

TACR1 Antibody (C-term) - References

- Takeda Y., et al. *Biochem. Biophys. Res. Commun.* 179:1232-1240(1991).
Hopkins B., et al. *Biochem. Biophys. Res. Commun.* 180:1110-1117(1991).
Gerard N.P., et al. *Biochemistry* 30:10640-10646(1991).
Takahashi K., et al. *Eur. J. Biochem.* 204:1025-1033(1992).
Fong T.M., et al. *Mol. Pharmacol.* 41:24-30(1992).

