

# TACR1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21328b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P25103</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB52764
<b>Calculated MW</b>	46251

## Additional Information

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<b>Gene ID</b>	6869
<b>Other Names</b>	Substance-P receptor, SPR, NK-1 receptor, NK-1R, Tachykinin receptor 1, TACR1, NK1R, TAC1R
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	TACR1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TACR1
<b>Synonyms</b>	NK1R, TAC1R
<b>Function</b>	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.

## Background

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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.

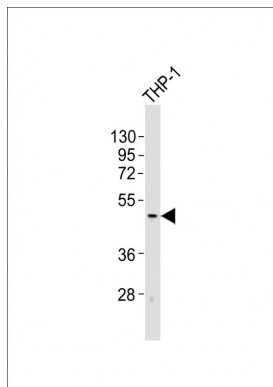
## References

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Takahashi K.,et al.Eur. J. Biochem. 204:1025-1033(1992).  
Fong T.M.,et al.Mol. Pharmacol. 41:24-30(1992).

## Images

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.