

Datasheet for ABIN724385  
**anti-TACR1 antibody (AA 2-50)**

5 Images

1 Publication

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	TACR1
Binding Specificity:	AA 2-50
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TACR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Neurokinin 1 Receptor
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig,Horse,Guinea Pig
Purification:	Purified by Protein A.

## Target Details

Target:	TACR1
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## Target Details

Alternative Name:	Neurokinin 1 Receptor ( <a href="#">TACR1 Products</a> )
Background:	<p>Synonyms: SPR, NK1R, NKIR, TAC1R, Substance-P receptor, NK-1 receptor, NK-1R, Tachykinin receptor 1, TACR1</p> <p>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 &gt; substance K &gt; neuromedin-K.</p>
Gene ID:	6869
UniProt:	<a href="#">P25103</a>
Pathways:	<a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">Feeding Behaviour</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

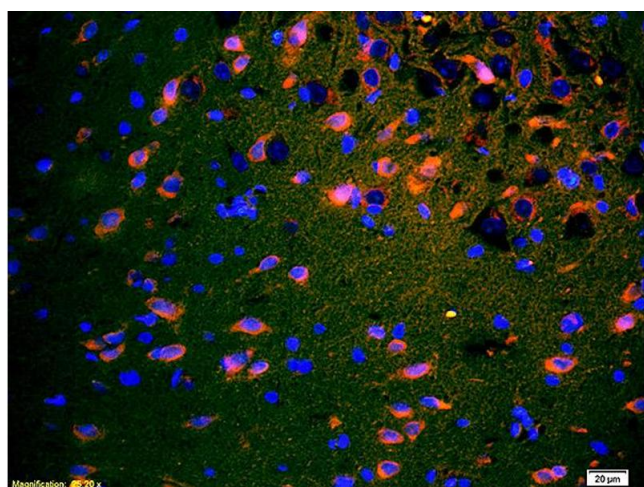
## Handling

Expiry Date: 12 months

## Publications

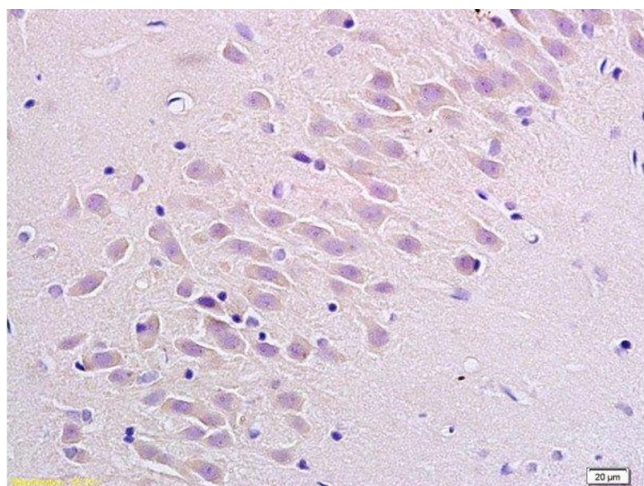
Product cited in: Zhang, Gao, Liu, Ji, Sha: "Effects of Neuropeptide Substance P on Proliferation and  $\beta$ -Cell Differentiation of Adult Pancreatic Ductal Cells." in: **Frontiers in neuroscience**, Vol. 12, pp. 806, (2018) ([PubMed](#)).

## Images



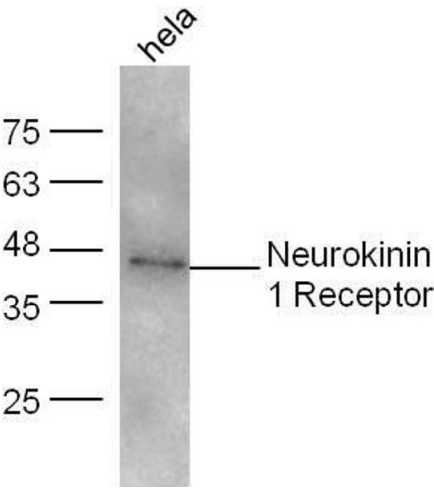
### Immunofluorescence

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-SPR Polyclonal Antibody, Unconjugated (ABIN724385) 1:200 followed by conjugation to the secondary antibody and DAB staining



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin embedded rat brain labeled with Anti Substance P Receptor/NK1R Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody Goat Anti-Rabbit IgG, PE conjugated -PE)used at 1:200 dilution for 40 minutes at 37°C.



**Western Blotting**

**Image 3.** HeLa lysates probed with Neurokinin 1 Receptor Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody at 1:10000 for 60 minutes at 37°C.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN724385.