

For Research Use Only

# Neurokinin-1 receptor Polyclonal antibody



Catalog Number: 17942-1-AP

6 Publications

## Basic Information

Catalog Number:

17942-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12368

GenBank Accession Number:

BC074911

GeneID (NCBI):

6869

UNIPROT ID:

P25103

Full Name:

tachykinin receptor 1

Calculated MW:

407 aa, 46 kDa

Observed MW:

45-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : SH-SY5Y cells, THP-1 cells, mouse pancreas tissue, Caco-2 cells, HeLa cells

## Background Information

neurokinin 1 receptor (NK1R, also known as the tachykinin 1 receptor, TACR1), a mediator of behavioral stress responses, in alcohol dependence and treatment. One such neurotransmitter is substance P (SP), which together with its preferred TACR1 is highly expressed in brain areas involved in stress responses and drug reward, including the hypothalamus, amygdala, and nucleus accumbens (PMID: 18276852).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ping Ma	34710756	Phytomedicine	WB
Yan Yu	29759144	J Neuroimmunol	WB
Xiao-Dan Guo	32853022	Neoplasma	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

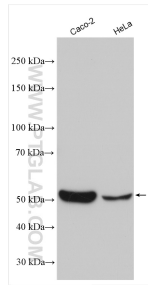
T: 4006900926

E: Proteintech-CN@ptglab.com

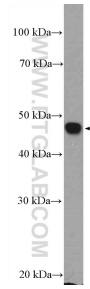
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17942-1-AP (Neurokinin-1 receptor antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 17942-1-AP (Neurokinin-1 receptor antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.