

For Research Use Only

# TACR2 Polyclonal antibody, PBS Only

Catalog Number: 25270-1-PBS



## Basic Information

**Catalog Number:**

25270-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_001057

**GeneID (NCBI):**

6865

**UNIPROT ID:**

P21452

**Full Name:**

tachykinin receptor 2

**Calculated MW:**

44 kDa

**Observed MW:**

44 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, FC (Intra), Indirect ELISA

**Species Specificity:**

human

## Background Information

The tachykinins represent a family of peptide neurotransmitters including substance P, neurokinin A and neurokinin B, which act through the stimulation of tachykinin NK1, NK2 or NK3 receptors. NK2, also known as TACR2 (tachykinin receptor 2), is a receptor for the tachykinin neurokinin A (neuropeptide substance K). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

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

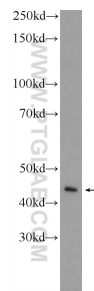
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

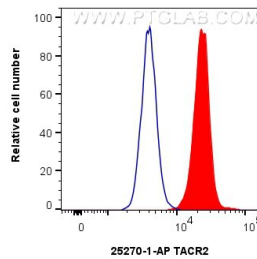
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 25270-1-AP (TACR2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25270-1-PBS in a different storage buffer formulation.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.25  $\mu$ g TACR2 Polyclonal antibody (25270-1-AP) and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 25270-1-PBS in a different storage buffer formulation.