

For Research Use Only

TACR2 Polyclonal antibody

Catalog Number: 25270-1-AP

2 Publications



Basic Information

Catalog Number:

25270-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 347 ug/ml by Bradford method using BSA as the standard;

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

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human, rat

Positive Controls:

WB : HeLa cells, PC-3 cells

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Suiyi Wu	29512791	Mol Med Rep	IHC
Wang Jianfeng	34364377	Cancer Cell Int	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1%BSA

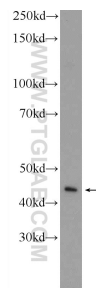
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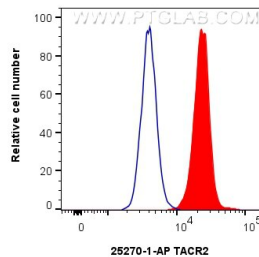
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Selected Validation Data



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.



1×10^6 HeLa cells were intracellularly stained with 0.25 μ g TACR2 Polyclonal antibody (25270-1-AP) and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).