

For Research Use Only

TACR2 Polyclonal antibody

Catalog Number: 25270-1-AP **2 Publications**



Basic Information

Catalog Number: 25270-1-AP	GenBank Accession Number: NM_001057	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6865	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: tachykinin receptor 2	
Isotype: IgG	Calculated MW: 44 kDa	
	Observed MW: 44 kDa	

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : HeLa cells, PC-3 cells
Cited Applications: IHC, WB	
Species Specificity: human	
Cited Species: human, rat	

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

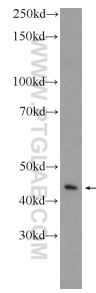
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

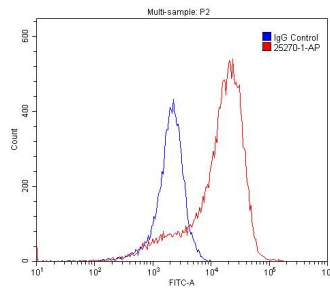
For technical support and original validation data for this product please contact:
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Selected Validation Data



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 PC-3 cells were stained with 0.2ug TACR2 antibody (25270-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.