

For Research Use Only

Neurokinin-1 receptor Polyclonal antibody

Catalog Number: 17942-1-AP

6 Publications



Basic Information

Catalog Number: 17942-1-AP	GenBank Accession Number: BC074911	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 240 ug/ml by Nanodrop and 187 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6869	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: P25103	
Isotype: IgG	Full Name: tachykinin receptor 1	
Immunogen Catalog Number: AG12368	Calculated MW: 407 aa, 46 kDa	
	Observed MW: 45-55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SH-SY5Y cells, THP-1 cells, mouse pancreas tissue, Caco-2 cells, HeLa cells
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, rat	

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

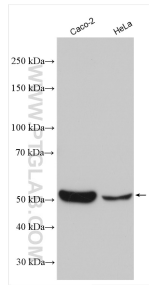
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

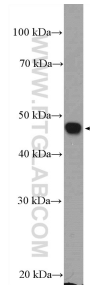
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.