

For Research Use Only

TAC4 Polyclonal antibody

Catalog Number: 21232-1-AP



Basic Information

Catalog Number: 21232-1-AP	GenBank Accession Number: BC111858	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 255061	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q86UU9	
Isotype: IgG	Full Name: tachykinin 4 (hemokinin)	
Immunogen Catalog Number: AG15702	Calculated MW: 113 aa, 12 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse lung tissue,
Species Specificity: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

TAC4, or tachykinin 4, is a gene that encodes for a member of the tachykinin family of peptides, which are known for their rapid stimulation of contraction in intestinal muscles and other physiological functions. The tachykinin family includes three members in mammals: TAC1, TAC3, and TAC4. TAC4, in particular, is involved in a variety of physiological roles and has been implicated in several biological processes.

Storage

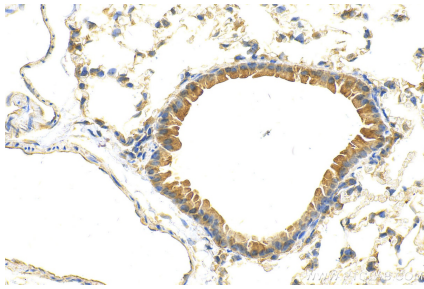
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

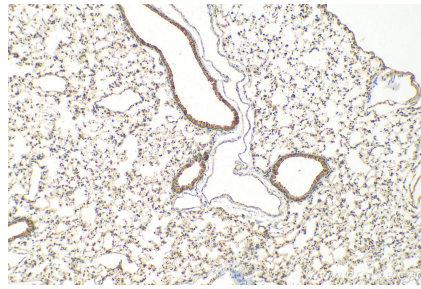
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 21232-1-AP (TAC4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 21232-1-AP (TAC4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).