

For Research Use Only

TAC1 Polyclonal ANTIBODY



Catalog Number: 13839-1-AP

2 Publications

Basic Information

Catalog Number:
13839-1-AP

Size:
50 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG4790

GenBank Accession Number:
BC018047

GeneID (NCBI):
6863

Full Name:
tachykinin, precursor 1

Calculated MW:
129aa, 15 kDa

Observed MW:

Recommended Dilutions:
IHC 1:50-1:500

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
human, mouse

Cited Species:
mouse

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : mouse brain tissue; human brain tissue, human stomach tissue, human pancreas tissue

Background Information

tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles. TAC1 is an abbreviation for protachykinin 1, a protein that is encoded by the TAC1 gene, which is responsible for 4 products of the tachykinin peptide hormone family: substance P, neurokinin A, and the related peptides, neurokinin B and neurokinin C (PMD:21453958). This antibody is specific to TAC1.

Notable Publications

Author	Pubmed ID	Journal	Application
Ali H Shaib	30254567	Front Cell Neurosci	WB
Yan Yu	29759144	J Neuroimmunol	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

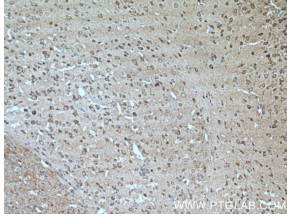
For technical support and original validation data for this product please contact:

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

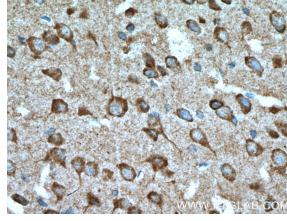
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 13839-1-AP(TAC1 Antibody) at dilution of 1:200 (under 10x lens), heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 13839-1-AP(TAC1 Antibody) at dilution of 1:200 (under 40x lens), heat mediated antigen retrieved with Tris-EDTA buffer(pH9).