

TAC1 Polyclonal Antibody

Catalog number: 13839-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

TAC1; Hs.2563, Neuromedin L,

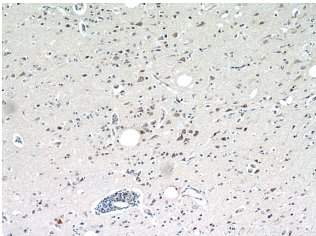
NK2, NKA, NKNA, PPT,

Protachykinin 1, Substance K

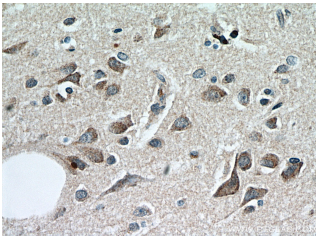
Neuropeptide K, Substance P,

SubstanceP, TAC1, TAC2,

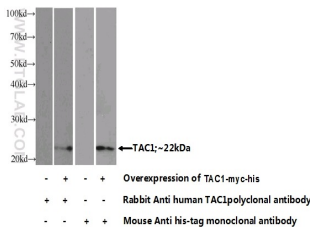
tachykinin, precursor 1



Immunohistochemical of paraffin-embedded human brain using 13839-1-AP(TAC1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human brain using 13839-1-AP(TAC1 antibody) at dilution of 1:50 (under 40x lens)



Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 13839-1-AP(TAC1 Antibody) at dilution of 1:1000

Background

Achykinins 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, neuropeptideK and neuropeptide (PMID:21453958). This antibody is specific to TAC1.

Applications

Tested applications:	ELISA, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated TAC1 MW:	129aa, 15 kDa
Observed TAC1 MW:	
Positive WB detected in	Transfected HEK-293 cells
Positive IHC detected in	Human brain tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4790
GenBank accession number:	BC018047
Gene ID (NCBI):	6863
Full name:	Tachykinin, precursor 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.