

TAC3 antibody

Catalog No: #38816

Package Size: #38816-1 50ul #38816-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

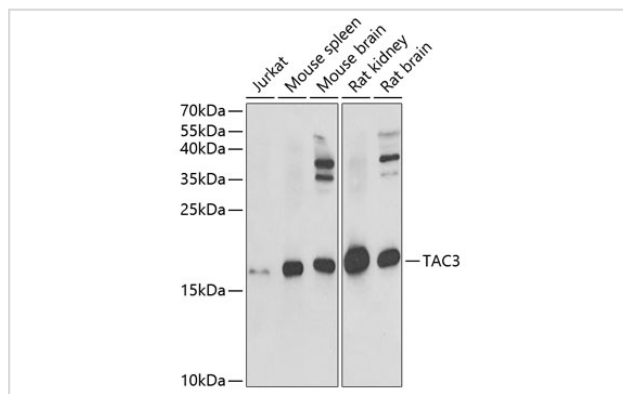
Description

Product Name	TAC3 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total TAC3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TAC3.
Conjugates	Unconjugated
Target Name	TAC3
Other Names	NKB; HH10; NKNB; PRO1155; ZNEUROK1;
Accession No.	Swiss-Prot#: Q9UHF0NCBI Gene ID: 6866
SDS-PAGE MW	13kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

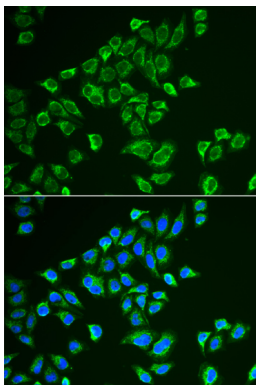
Application Details

WB 1:500 - 1:2000IF 1:10 - 1:100

Images



Western blot analysis of extracts of various cell lines, using TAC3 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 20s.



Immunofluorescence analysis of HeLa cells using TAC3 .
Blue: DAPI for nuclear staining.

Background

This gene encodes a member of the tachykinin family of secreted neuropeptides. The encoded protein is primarily expressed in the central and peripheral nervous system and functions as a neurotransmitter. This protein is the ligand for the neurokinin-3 receptor. This protein is also expressed in the outer syncytiotrophoblast of the placenta and may be associated with pregnancy-induced hypertension and pre-eclampsia. Mutations in this gene are associated with normosmic hypogonadotropic hypogonadism. Alternate splicing results in multiple transcript variants.

Published Papers

el at., Huyang Yangkun Formula (Hyf) Enhances Ovarian Function and Delays Reproductive Aging by Influencing Hypothalamic GnRh/Lh Pulse Release Through GnRh and Kisspeptin Neurons, , (2024)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.