TAC3 Rabbit pAb

Catalog NO.: A6312 **1 Publications**

Basic Information

Observed MW
16kDa

Calculated MW
13kDa

Category
Polyclonal Antibodies

Applications
WB, IF-P, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

This gene encodes a member of the tachykinin family of secreted neuropeptides. The encoded preproprotein is proteolytically processed to generate the mature peptide, which is primarily expressed in the central and peripheral nervous systems and functions as a neurotransmitter. This peptide 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. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

Recommended Dilutions

WB	1:500 - 1:2000
IF-P	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
6866

Swiss Prot
Q9UHF0

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
NK3; NKB; HH10; NKNB; PRO1155; ZNEUROK1; LncZBTB39; TAC3

Contact

Product Information

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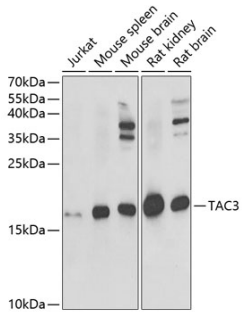
Source
Rabbit

Isotype
IgG

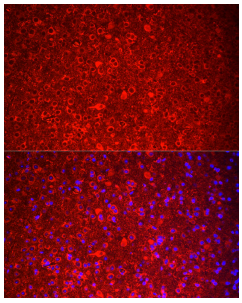
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using TAC3 Rabbit pAb (A6312) at 1:1000 dilution._Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution._Lysates/proteins: 25µg per lane._Blocking buffer: 3% nonfat dry milk in TBST._Detection: ECL Enhanced Kit (RM00021)._Exposure time: 20s.



Immunofluorescence analysis of paraffin-embedded mouse brain using TAC3 Rabbit pAb (A6312) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

For research use only. Not for therapeutic or diagnostic purposes.

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