

For Research Use Only

TRH Polyclonal antibody

Catalog Number: 25332-1-AP



Basic Information

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|---|--|---|
| Catalog Number: 25332-1-AP | GenBank Accession Number: BC074889 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 500 ug/ml by Nanodrop; | GeneID (NCBI): 7200 | Recommended Dilutions: WB 1:500-1:1000 IF-P 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: P20396 | |
| Isotype: IgG | Full Name: thyrotropin-releasing hormone | |
| Immunogen Catalog Number: AG12623 | Calculated MW: 242 aa, 27 kDa | |
| | Observed MW: 27-33 kDa | |

Applications

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| Tested Applications: WB, IF-P, ELISA | Positive Controls: |
| Species Specificity: human, mouse | WB : A549 cells, BxPC-3 cells IF-P : mouse cerebellum tissue, |

Background Information

TRH, Thyrotropin-releasing hormone, as a component of the hypothalamic-pituitary-thyroid axis, controls the secretion of thyroid-stimulating hormone (TSH) and is involved in thyroid hormone synthesis regulation. It also operates as modulator of hair growth and promotes hair-shaft elongation, prolongs the hair cycle growth phase (anagen) and antagonizes its termination (catagen) by TGFβ2. It stimulates proliferation and inhibits apoptosis of hair matrix keratinocytes. TRH is expressed in hypothalamus and the hair follicle epithelium (PMID: 19825978).

Storage

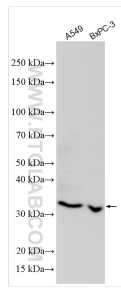
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

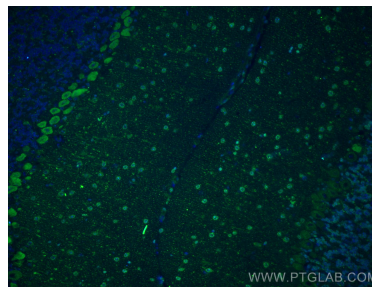
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25332-1-AP (TRH antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using TRH antibody (25332-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).