

For Research Use Only

TRH Polyclonal antibody, PBS Only

Catalog Number: 25332-1-PBS



Basic Information

Catalog Number:

25332-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12623

GenBank Accession Number:

BC074889

GeneID (NCBI):

7200

UNIPROT ID:

P20396

Full Name:

thyrotropin-releasing hormone

Calculated MW:

242 aa, 27 kDa

Observed MW:

27-33 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

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 TGF β 2. 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 -80°C .

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

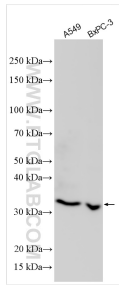
T: 4006900926

E: Proteintech-CN@ptglab.com

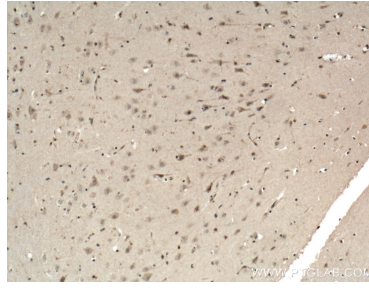
W: ptgcn.com

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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. This data was developed using the same antibody clone with 25332-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 25332-1-AP (TRH antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25332-1-PBS in a different storage buffer formulation.