

For Research Use Only

TRH Polyclonal antibody, PBS Only

Catalog Number: 25332-1-PBS



Basic Information

Catalog Number:

25332-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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 TGFB2. 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.

Storage Buffer:

PBS only, pH7.3

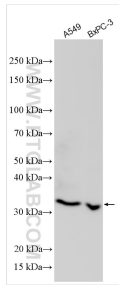
For technical support and original validation data for this product please contact:

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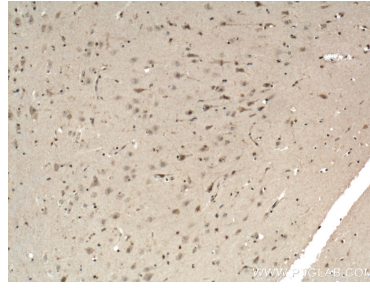
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W: ptglab.com

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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.