

ARG59867 anti-TRH / Thyrotropin Releasing Hormone antibody

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes TRH / Thyrotropin Releasing Hormone |
| Tested Reactivity | Hu, Ms |
| Tested Application | ICC/IF, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | TRH / Thyrotropin Releasing Hormone |
| Species | Human |
| Immunogen | Recombinant fusion protein corresponding to aa. 25-230 of Human TRH (NP_009048.1). |
| Conjugation | Un-conjugated |
| Alternate Names | TRH; Thyroliberin; Pro-thyrotropin-releasing hormone; Protirelin; Prothyroliberin; Thyrotropin-releasing factor; TRF; TSH-releasing factor; Pro-TRH |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------------|
| | ICC/IF | 1:50 - 1:100 |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

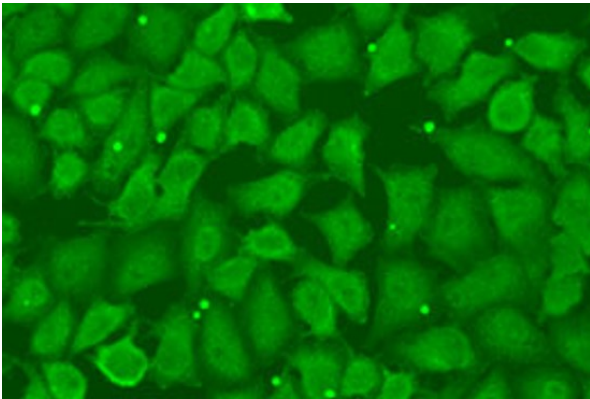
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|-----------------------|---|
| Gene Symbol | TRH |
| Gene Full Name | thyrotropin-releasing hormone |
| Background | This gene encodes a member of the thyrotropin-releasing hormone family. Cleavage of the encoded proprotein releases mature thyrotropin-releasing hormone, which is a tripeptide hypothalamic regulatory hormone. The human proprotein contains six thyrotropin-releasing hormone tripeptides. Thyrotropin-releasing hormone is involved in the regulation and release of thyroid-stimulating hormone, as well as prolactin. Deficiency of this hormone has been associated with hypothalamic hypothyroidism. [provided by RefSeq, May 2013] |
| Function | Functions as a regulator of the biosynthesis of TSH in the anterior pituitary gland and as a neurotransmitter/ neuromodulator in the central and peripheral nervous systems. May promote hair shaft elongation, prolonge the hair cycle growth phase (anagen) and antagonized its termination by TGFB2. May also increase proliferation and inhibited apoptosis of hair matrix keratinocytes. [UniProt] |
| Calculated Mw | 27 kDa |
| Cellular Localization | Secreted. [UniProt] |

Images



ARG59867 anti-TRH / Thyrotropin Releasing Hormone antibody
ICC/IF image

Immunofluorescence: U2OS cells stained with ARG59867 anti-TRH / Thyrotropin Releasing Hormone antibody at 1:100 dilution.