

ARG59863 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, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TRH / Thyrotropin Releasing Hormone
Species	Human
Immunogen	Synthetic peptide within aa. 100-200 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 - 1:200
	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.	
Positive Control	Rat testis, Mouse brain and A549	
Observed Size	27 kDa	

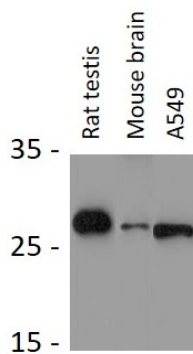
Properties

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



ARG59863 anti-TRH / Thyrotropin Releasing Hormone antibody WB image

Western blot: 25 µg of Rat testis, Mouse brain and A549 cell lysates stained with ARG59863 anti-TRH / Thyrotropin Releasing Hormone antibody at 1:3000 dilution.