



Anti-Thyrotropin Releasing Hormone polyclonal antibody (DPAB2414RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Thyrotropin Releasing Hormone
Antigen Description	Thyrotropin releasing hormone (TRH) is a tripeptide hormone that stimulates the release of thyroid stimulating hormone and prolactin by the anterior pituitary. TRH is produced by the hypothalamus and travels across the median eminence to the pituitary via the hypophyseal portal system. In addition to the brain, TRH can also be detected in other areas of the body including the gastrointestinal system and pancreatic islets.
Specificity	Thyrotropin Releasing Hormone is produced in the hypothalamus and stimulates the release of Thyroid Stimulating Hormone (TSH) in the pituitary.
Immunogen	Synthetic peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	IHC, ICC, Suitable for frozen sections and paraffin-embedded tissue
Positive Control	Hypothalamus
Format	Rabbit serum
Size	0.25 ml
Buffer	PBS or TBS

Preservative	None
Storage	At 2-8°C (undiluted) or in aliquots at -20°C

GENE INFORMATION

Gene Name	TRH thyrotropin-releasing hormone [Homo sapiens]
Official Symbol	TRH
Synonyms	TRH; thyrotropin-releasing hormone; Prothyroliberin; Thyroliberin; Protirelin; TSH-releasing factor; Thyrotropin-releasing factor; TRF; Thyrotropin-releasing hormone; prothyroliberin; MGC125964; MGC125965; OTTHUMP00000216039; OTTHUMP00000216040
Entrez Gene ID	7200
Protein Refseq	NP_009048
UniProt ID	P20396
Chromosome Location	3q13.3-q21
Pathway	Class A/1 (Rhodopsin-like receptors); G alpha (q) signalling events; GPCR downstream signaling; GPCR ligand binding; Peptide ligand-binding receptors; Signal Transduction; Signaling by GPCR
Function	neuropeptide hormone activity; thyrotropin-releasing hormone activity