

TSH

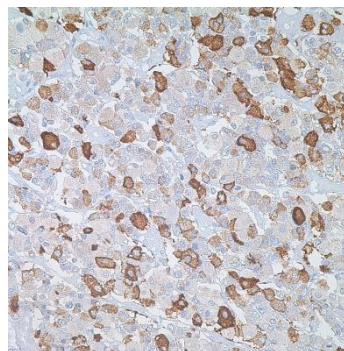
Instructions for Use

Specification:

Thyroid-stimulating hormone (also known as TSH or thyrotropin) is a peptide hormone synthesized and secreted by thyrotrope cells in the anterior pituitary gland, which regulates the endocrine function of the thyroid gland. TSH is a useful marker in the classification of pituitary adenomas and the differential identification of primary and metastatic tumours of the pituitary. TSH secreting pituitary adenomas are a very rare cause of hyperthyroidism.

Availability:

Catalog No.	Contents	Volume
ILP9113-C01	TSH	0,1 ml concentrate
ILP9113-C05	TSH	0,5 ml concentrate
ILP9113-C1	TSH	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human

Clone: -

Species of origin: Rabbit

Isotype: -

Control Tissue: Normal pituitary

Staining: Cytoplasmic

Presentation: Anti-TSH is a rabbit polyclonal antibody purified from rabbit anti-sera diluted in tris buffered saline, pH 7.3-7.7, with protein base, and preserved with sodium azide

Application and suggested dilutions:

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:100-1:500)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:100 - 1:500)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-rabbit secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

- 1) Batanero E et al. Brain Behav Immun. 1992 Sep;6(3):249-64
- 2) Kovalic JJ et al. J Neurooncol. 1993 Jun;16(3):227-32
- 3) Gessl A et al. J Clin Endocrinol Metab. 1994 Oct;79(4):1128-34
- 4) Sanno N et al. J Clin Endocrinol Metab. 1995 Aug;80(8):2518-22
- 5) La Rosa S et al. Virchows Arch. 2000 Sep;437(3):264-9
- 6) Kuauya N et al. J Clin Endocrinol Metab. 1990 Nov;71(5):1103-11
- 7) Clore JN et al. Am J Med Sci. 1988 Jan; 295(1):3-5