

Rabbit Anti-TSH (Thyroid Stimulating Hormone) [EP254]: RM0307

Intended Use: For Research Use Only

Description: TSH is a member of the glycoprotein hormone family, constituting a subset of the cystine-knot growth factor superfamily. TSH is produced by the pituitary thyrotrophs and released into circulation in a pulsatile manner. It stimulates thyroid functions using a specific membrane TSH receptor (TSHR) that belongs to the superfamily of G protein-coupled receptors (GPCRs). TSH beta is the beta subunit of thyroid stimulating hormone. This TSH antibody labels normal and neoplastic thyrotropic cells. It may be useful in classification of pituitary tumors.

Specifications

Clone: EP254
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Tissue culture supernatant in PBS pH7.5, containing 0.2% BSA, 15mM sodium azide (NaN₃)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
TSH (Thyroid Stimulating Hormone) Concentrated	RM0307	1 ml

IHC Procedure

Positive Control Tissue: Pituitary & pituitary adenoma
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual
* Result should be confirmed by an established diagnostic procedure.

Doc. 100-RM0307
Rev. A