

TSH (ABT-TSH) Mouse mAb (Ready to Use)

Catalog No :	YM6548R
Reactivity :	Human
Applications :	IHC
Target :	TSHB
Fields :	>>cAMP signaling pathway;>>Neuroactive ligand-receptor interaction;>>Thyroid hormone synthesis;>>Regulation of lipolysis in adipocytes;>>Autoimmune thyroid disease
Gene Name :	TSHB
Protein Name :	Thyrotropin subunit beta (Thyroid-stimulating hormone subunit beta) (TSH-B) (TSH-beta) (Thyrotropin beta chain) (Thyrotropin alfa)
Human Gene Id :	7252
Human Swiss Prot No :	P01222
Immunogen :	Synthesized peptide derived from human Thyroid-Stimulating Hormone(TSH) AA range: 50-138
Specificity :	This antibody detects endogenous levels of human Thyroid-Stimulating Hormone(TSH). Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in para
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Mouse, Monoclonal/IgG1, Lambda
Dilution :	Ready to use for IHC
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Storage Stability :	2°C to 8°C/1 year

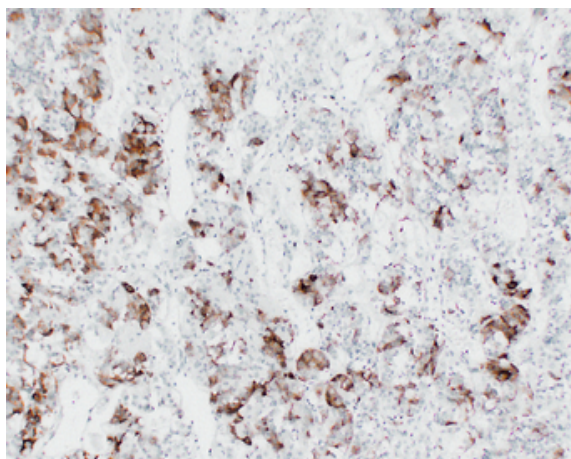
Cell Pathway : Neuroactive ligand-receptor interaction;Autoimmune thyroid disease;

Background : The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. Thyroid stimulating hormone functions in the control of thyroid structure and metabolism. The protein encoded by this gene is the beta subunit of thyroid stimulating hormone. Mutations in this gene are associated with congenital central and secondary hypothyroidism and Hashimoto's thyroiditis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2013],

Function : function:Indispensable for the control of thyroid structure and metabolism.,online information:Clinical information on Thyrogen,online information:Thyroid-stimulating hormone entry,pharmaceutical:Available under the name Thyrogen (Genzyme). Used in combination with other tests to detect recurring or leftover thyroid cancer cells in patients with a history of certain types of thyroid cancer.,similarity:Belongs to the glycoprotein hormones subunit beta family.,subunit:Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.,

Subcellular Location : Cytoplasmic

Products Images



Human pituitary adenoma tissue was stained with Anti-TSH (ABT-TSH) Antibody