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Mouse Anti-TSHB antibody

SL2676M

Product Name:	TSHB
Chinese Name:	小鼠抗促甲状腺素抗体
Alias:	CHNG4; Thyroid stimulating hormone beta subunit; Thyroid stimulating hormone, beta precursor; Thyrotropin beta subunit; TSHB; TSHB_HUMAN; Thyrotropin subunit beta; Thyroid-stimulating hormone subunit beta; TSH-B; TSH-beta; Thyrotropin beta chain; Thyrotropin alfa.
Organism Species:	Mouse
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	15kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TSHB:51-138/138
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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:
Indispensable for the control of thyroid structure and metabolism.

Subunit:
Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.

Subcellular Location:
Secreted.

Similarity:
Belongs to the glycoprotein hormones subunit beta family.

SWISS:
P01222

Gene ID:
7252

Database links:

Entrez Gene: 7252Human

Entrez Gene: 100302414Rabbit

Omim: 188540Human

SwissProt: P01222Human

Unigene: 406687Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.