

anti- TSH Beta antibody

Product Information

Catalog No.:	FNab09807
Size:	100 μ g
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	\geq 95% as determined by SDS-PAGE
Host:	Rabbit
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20 $^{\circ}$ C for 24 months (Avoid repeated freeze / thaw cycles.)

Background

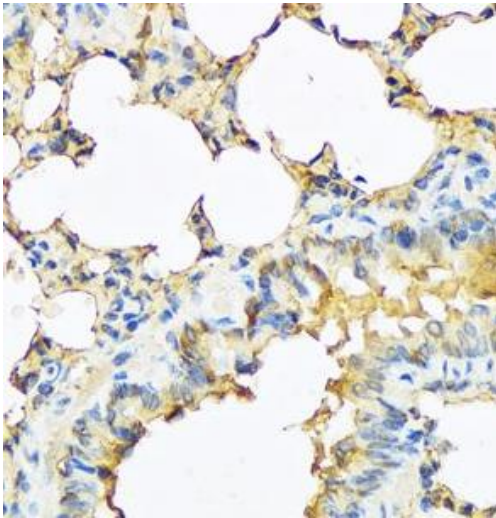
The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, 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.

Immunogen information

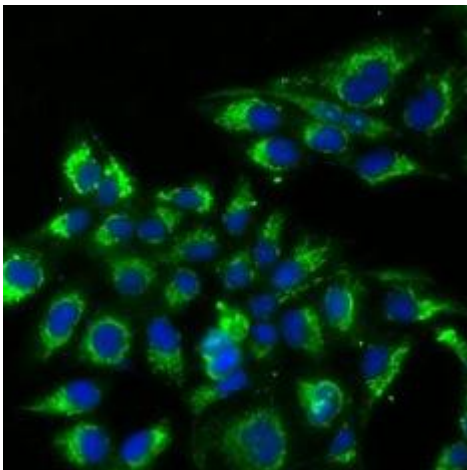
Immunogen:	TSHB
Synonyms:	CHNG4, Thyrotropin alfa, Thyrotropin beta chain, Thyrotropin subunit beta, TSH B, TSH BETA, TSHB
Calculated MW:	16 kDa
Uniprot ID :	P01222

Application

Specificity:	Human, Mouse; other species are not tested. Please decide the specificity by homology
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:100; IF: 1:50 - 1:100
Image:	



Immunohistochemistry of paraffin-embedded mouse lung tissue slide using FNab09807(TSH beta antibody) at dilution of 1:100



Immunofluorescence analysis of U2OS cells using FNab09807(TSH beta antibody). Blue: DAPI for nuclear staining.