

TSHB antibody

Product Information

Catalog No.:	FNab09807
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 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:	Thyrotropin subunit beta Thyroid-stimulating hormone subunit beta (TSH-B, TSH-beta) Thyrotropin beta chain TSHB
Observed MW:	16 kDa
Uniprot ID :	P01222

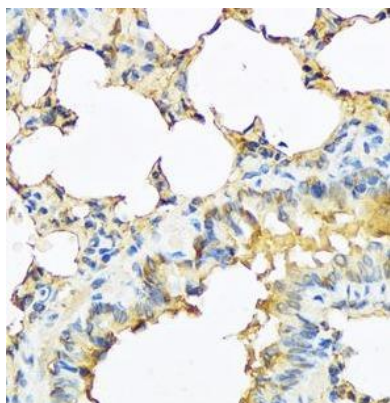
Application

Reactivity:	Human, Mouse
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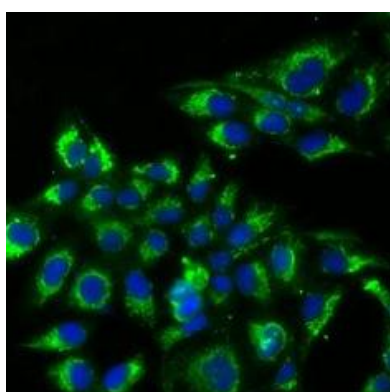
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100; IF: 1:50 - 1:100

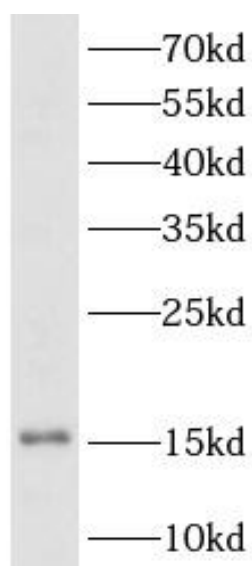
Image:



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.



HT-29 cell lysate were subjected to SDS PAGE followed by western blot with FNab09807(TSHB antibody) at dilution of 1:500