

Datasheet for ABIN7270825  
**anti-TSHB antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	TSHB
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSHB antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	TSHB Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50 to the C-terminus of human TSHB (NP_000540.2).
Sequence:	YCMTRDINGK LFLPKYALSQ DVCTYRDFIY RTVEIPGCPL HVAPYFSYPV ALSCKCGKCN TDYSDCIHEA IKTNKYCTKPQ KSYLVGFVS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

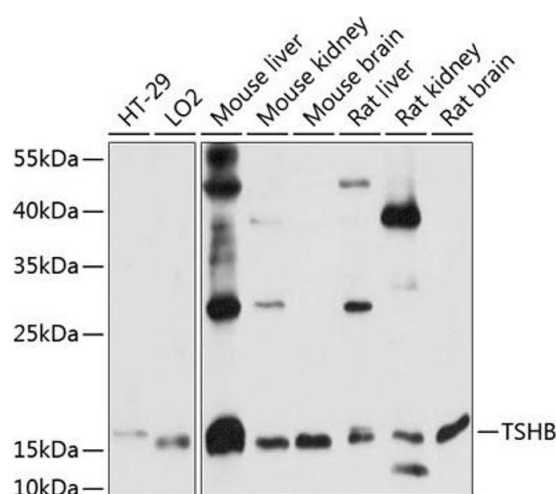
Target:	TSHB
Alternative Name:	TSHB ( <a href="#">TSHB Products</a> )
Background:	The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that 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.,TSHB,TSH-B,TSH-BETA,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Endocrine & Metabolism,Neuroscience,TSHB
Molecular Weight:	10kDa/15kDa
Gene ID:	7252
UniProt:	<a href="#">P01222</a>
Pathways:	<a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Peptide Hormone Metabolism</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using TSHB antibody (ABIN7270825) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.