

Datasheet for ABIN5542677
anti-TSHB antibody (AA 20-139)

5 Images

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Overview

Quantity:	0.1 mg
Target:	TSHB
Binding Specificity:	AA 20-139
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TSHB antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human TSHB (AA: 20-139) expressed in E. coli.
Clone:	1D12G1
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	TSHB
Alternative Name:	TSHB (TSHB Products)
Background:	Description: The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing

Target Details

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.,

Aliases: TSH-B, TSH-BETA

Molecular Weight:	15.6 kDa
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Gene ID:	7252
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HGNC:	7252
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Pathways:	Thyroid Hormone Synthesis , Peptide Hormone Metabolism
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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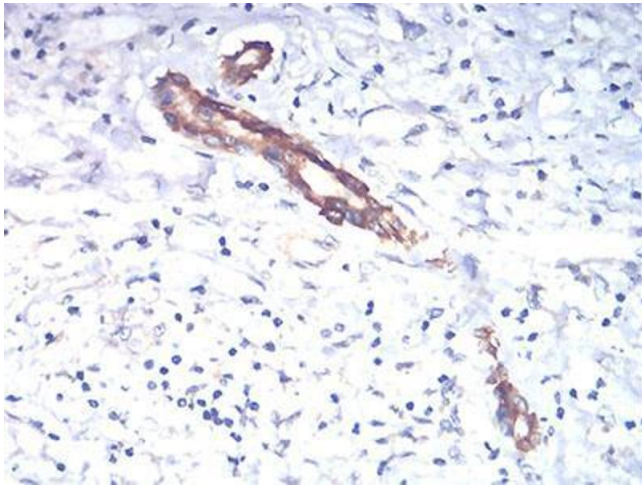
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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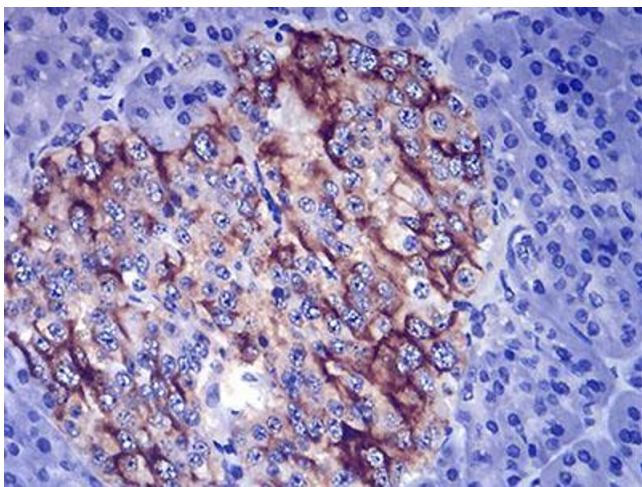
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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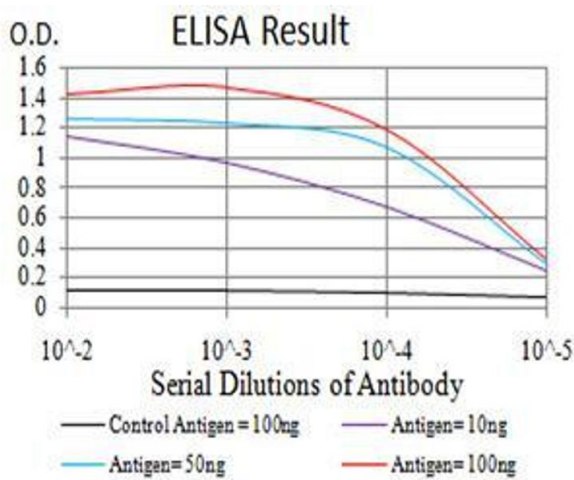
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded liver cancer tissues using TSHB mouse mAb with DAB staining.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded pancreas tissues using TSHB mouse mAb with DAB staining.



ELISA

Image 3. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542677.