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# TSHB Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8617c

## Product Information

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|---|---|
| **Application** | WB, IHC-P, FC, IF, E |
| **Primary Accession** | P01222 |
| **Other Accession** | P12656 |
| **Reactivity** | Human, Rat, Mouse |
| **Predicted** | Mouse, Bovine, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB21119 |
| **Calculated MW** | 15639 |
| **Antigen Region** | 58-86 |

## Additional Information

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|---|---|
| **Gene ID** | 7252 |
| **Other Names** | Thyrotropin subunit beta, Thyroid-stimulating hormone subunit beta, TSH-B, TSH-beta, Thyrotropin beta chain, Thyrotropin alfa, TSHB |
| **Target/Specificity** | This TSHB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-86 amino acids from the Central region of human TSHB. |
| **Dilution** | WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 IF~~1:10~50 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | TSHB Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

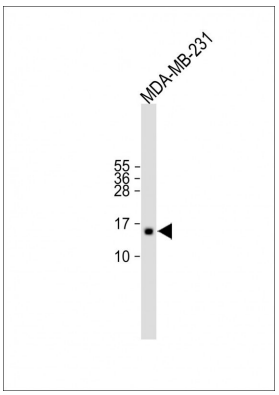
| | |
|---|---|
| **Name** | TSHB |
| **Function** | Indispensable for the control of thyroid structure and metabolism. |

**Cellular Location** Secreted.

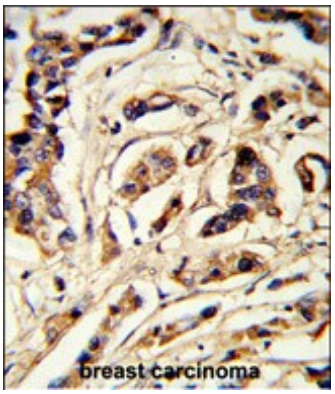
## Background

TSHB is indispensable for the control of thyroid structure and metabolism.

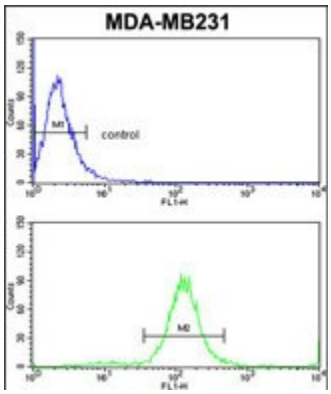
## Images



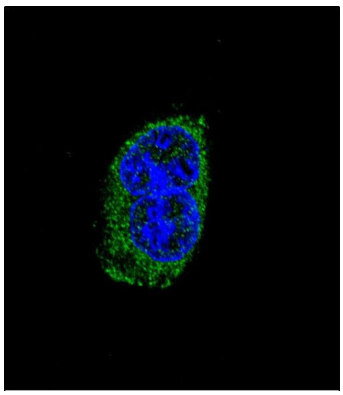

All lanes : Anti-TSHB Antibody (Center) at 1:2000 dilution Lane 1: MDA-MB-231 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size : 16 kDa Blocking/Dilution buffer: 5% NFDM/TBST.




Formalin-fixed and paraffin-embedded human breast carcinoma reacted with TSHB Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.




TSHB Antibody (Center) (Cat. #AP8617c) flow cytometric analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Confocal immunofluorescent analysis of TSHB Antibody (Center)(Cat#AP8617c) with MDA-MB231 cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit lgG (green). DAPI was used to stain the cell nuclear (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.