Rabbit TSHB Polyclonal Antibody | anti-TSHB antibody

TSHB Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288055	**Rabbit**	**Human (Predicted Reactivity: Mouse)**	**Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot**

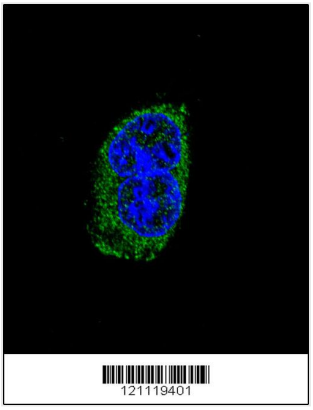
PRODUCT SYNONYMS

TSHB; Polyclonal Antibody; TSHB Antibody (Center); Thyrotropin subunit beta; Thyroid-stimulating hormone subunit beta; TSH-B; TSH-beta; Thyrotropin beta chain; Thyrotropin alfa; anti-TSHB antibody

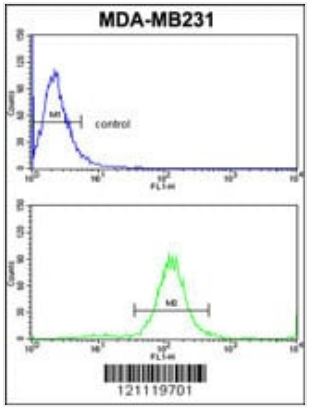
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.46 (varies by lot)
Sequence Positions	58-86
Sequence Length	138
Applicable Applications for anti-TSHB antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

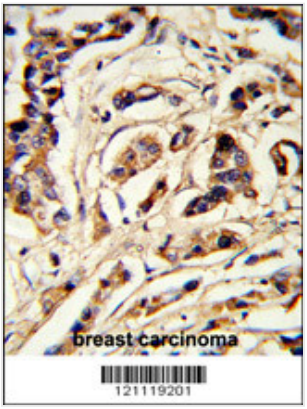
IMAGES



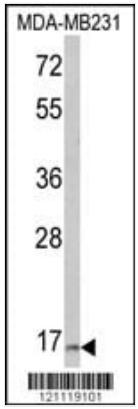
IF (Immunofluorescence)
Confocal immunofluorescent analysis of TSHB Antibody (Center) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
TSHB Antibody (Center) 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.



IHC (Immunohiostchemistry)
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.



WB (Western Blot)
Western blot analysis of TSHB Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). TSHB (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TSHB antibody	TSHB is indispensable for the control of thyroid structure and metabolism.
Product Categories/Family for anti-TSHB antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430099
NCBI GeneID	7252
NCBI Accession #	NP_000540.2
NCBI GenBank Nucleotide #	NM_000549.4
UniProt Accession #	P01222; Q16163; B1AKP0
Molecular Weight	15639
NCBI Official Full Name	thyrotropin subunit beta isoform 1

NCBI Official Synonym Full Names	thyroid stimulating hormone, beta
NCBI Official Symbol	TSHB
NCBI Official Synonym Symbols	TSH-B; TSH-BETA
NCBI Protein Information	thyrotropin subunit beta
UniProt Protein Name	Thyrotropin subunit beta
UniProt Gene Name	**TSHB**
UniProt Synonym Gene Names	TSH-B; TSH-beta
UniProt Entry Name	TSHB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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