Rabbit TBX18 Polyclonal Antibody | anti-TBX15 antibody

Anti-TBX18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104444	**Rabbit**	**Human, Mouse, Rat, Chicken, Rabbit**	**Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

TBX18; Polyclonal Antibody; Anti-TBX18 Antibody; T-box transcription factor TBX18; T-box protein 18; TBX15; TBX14; T-box transcription factor TBX15; T-box protein 15; T-box transcription factor TBX14; T-box protein 14; anti-TBX15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of TBX18 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	607
Applicable Applications for anti-TBX15 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TBX18. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of PDLIM1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

IHC (Immunohiostchemistry)
Immunohistochemical analysis of PDLIM1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of PDLIM1 expression in HeLa (A), Saos2 (B), NIH3T3 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TBX15 antibody	Rabbit polyclonal antibody to TBX18

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937456
NCBI GeneID	9096
NCBI Accession #	NP_001073977.1
NCBI GenBank Nucleotide #	NM_001080508.2
UniProt Accession #	O95935; Q7Z6U4; Q9UJI6; A2RU13
Molecular Weight	64,753 Da
NCBI Official Full Name	T-box transcription factor TBX18
NCBI Official Synonym Full Names	T-box 18
NCBI Official Symbol	TBX18
NCBI Protein Information	T-box transcription factor TBX18; T-box protein 18
UniProt Protein Name	T-box transcription factor TBX18
UniProt Gene Name	**TBX18**
UniProt Synonym Gene Names	T-box protein 18
UniProt Entry Name	TBX18_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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