

Rabbit anti-Human, mouse TBX15 Polyclonal Antibody | anti-TBX15 antibody

TBX15 Antibody (N-term)

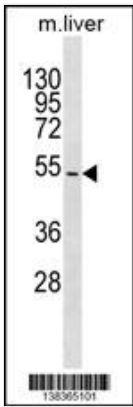
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288072	Rabbit	Human, mouse	Western Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

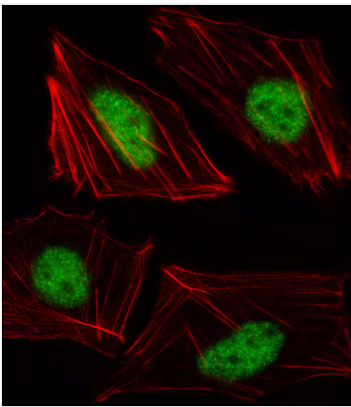
TBX15; Polyclonal Antibody; TBX15 Antibody (N-term); T-box transcription factor TBX15; T-box protein 15; T-box transcription factor TBX14; T-box protein 14; TBX14; anti-TBX15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TBX15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-73 amino acids from the N-terminal region of human TBX15.
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.
Sequence Positions	47-73
Sequence Length	496
Applicable Applications for anti-TBX15 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Probable transcriptional regulator involved in the development of the skeleton of the limb, vertebral column and head. Acts by controlling the number of mesenchymal precursor cells and chondrocytes (By similarity).
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00201}.
Preparation and Storage	Maintain refrigerated at 2-8°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
TBX15 Antibody (N-term) (AAA288072) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the TBX15 antibody detected the TBX15 protein (arrow).



IF (Immunofluorescence)
Fluorescent image of HUVEC cell stained with TBX15 Antibody (N-term)(AAA288072). HUVEC cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with TBX15 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). TBX15 immunoreactivity is localized to Nucleus significantly.

ADDITIONAL INFORMATION

Related Product Information for anti-TBX15 antibody	Probable transcriptional regulator involved in developmental processes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55770860
NCBI GeneID	6913
NCBI Accession #	NP_689593.2
NCBI GenBank Nucleotide #	NM_152380.2
UniProt Accession #	Q96SF7; Q08E76; Q5JT54; Q5T9S7
Molecular Weight	65757
NCBI Official Full Name	T-box transcription factor TBX15
NCBI Official Synonym Full Names	T-box 15
NCBI Official Symbol	TBX15
NCBI Official Synonym Symbols	TBX14
NCBI Protein Information	T-box transcription factor TBX15
UniProt Protein Name	T-box transcription factor TBX15
UniProt Gene Name	TBX15
UniProt Synonym Gene Names	TBX14; T-box protein 15; T-box protein 14
UniProt Entry Name	TBX15_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.