

Rabbit TBX5 Polyclonal Antibody | anti-TBX5 antibody

TBX5 antibody - middle region

CATALOG # AAA197587	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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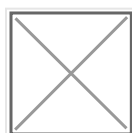
PRODUCT SYNONYMS

TBX5; Polyclonal Antibody; TBX5 antibody - middle region; anti-TBX5 antibody

PRODUCT SPECIFICATIONS

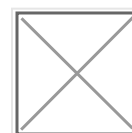
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: RM QSKEYPVVPR STVRQKVASN HSPFSSSRA LSTSSNLGSQ YQCENGVS
Sequence Length	349
Applicable Applications for anti-TBX5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 92%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TBX5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



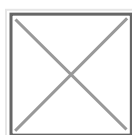
WB (Western Blot)

WB Suggested Anti-TBX5 Antibody Titration: 0.5ug/ml Positive Control: Jurkat cell lysate



WB (Western Blot)

Host: Mouse Target Name: TBX5 Sample Tissue: Mouse Pancreas Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-TBX5 Antibody Paraffin Embedded Tissue: Human Muscle Cellular Data: Skeletal muscle cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-TBX5 antibody	<p>This is a rabbit polyclonal antibody against TBX5. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: TBX5 is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The encoded protein may play a role in heart development and specification of limb identity. Mutations in this gene have been associated with Holt-Oram syndrome, a developmental disorder affecting the heart and upper limbs.</p>
Product Categories/Family for anti-TBX5 antibody	<p>Polyclonal; Transcription Factor; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Transcription Regulation; Developmental Biology; Immunohistochemistry; Receptors; Transcription Factors; Cell Differentiation</p>

NCBI AND UNIPROT INFORMATION

NCBI GI #	18201896
NCBI GeneID	6910
NCBI Accession #	NP_542449
NCBI GenBank Nucleotide #	NM_080718
UniProt Accession #	Q99593
Molecular Weight	39kDa
NCBI Official Synonym Full Names	T-box 5
NCBI Official Symbol	TBX5
NCBI Official Synonym Symbols	HOS
NCBI Protein Information	T-box transcription factor TBX5
UniProt Protein Name	T-box transcription factor TBX5
UniProt Gene Name	TBX5
UniProt Synonym Gene Names	T-box protein 5
UniProt Entry Name	TBX5_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tbx5-antibody-western-blot-immunohistochemistry-elisa/197587>