

Rabbit TBX5 Polyclonal Antibody | anti-TBX5 antibody

TBX5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197588	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

TBX5; Polyclonal Antibody; TBX5 antibody - N-terminal region; anti-TBX5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
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 with the following region: NS MHKYQPR LHI VKADENNGFG SKNTAFCTHV FPETAFIAVT SYQNHKIT
Sequence Length	518
Applicable Applications for anti-TBX5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal 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: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Immunohistochemistry with Human Brain, cortex tissue at an antibody concentration of 5.0ug/ml using anti-TBX5 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TBX5 antibody	This is a rabbit polyclonal antibody against TBX5. It was validated on Western Blot using a cell lysate as a positive control. 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. TBX5 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 TBX5 have been associated with Holt-Oram syndrome, a developmental disorder affecting the heart and upper limbs. Several transcript variants encoding different isoforms have been described for TBX5.
Product Categories/Family for anti-TBX5 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Cardiovascular; Developmental Biology; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	18201892
NCBI GeneID	6910
NCBI Accession #	NP_000183
NCBI GenBank Nucleotide #	NM_000192
UniProt Accession #	Q99593
Molecular Weight	58kDa
NCBI Official Full Name	T-box transcription factor TBX5 isoform 1
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/197588>