

Rabbit TBX18 Polyclonal Antibody | anti-TBX18 antibody

TBX18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325200	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

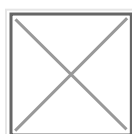
PRODUCT SYNONYMS

TBX18; Polyclonal Antibody; TBX18 Antibody; T box 18; T box protein 18; T box transcription factor TBX18; T-box protein 18; T-box transcription factor TBX18; TBX18_HUMAN; anti-TBX18 antibody

PRODUCT SPECIFICATIONS

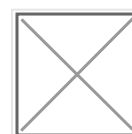
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TBX18 antibody detects endogenous levels of total TBX18
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	607
Applicable Applications for anti-TBX18 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using TBX18 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325200 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TBX18 antibody	Function: Acts as transcriptional repressor involved in developmental processes of a variety of tissues and organs, including the heart and coronary vessels, the ureter and the vertebral column. Required for embryonic development of the sino atrial node (SAN) head area. Subunit Structure: Homodimer. Can form a heterodimer with TBX15. Interacts with GATA4 AND NKX2-5. Interacts with PAX3 (By similarity). Interacts (via engrailed homology 1 repressor motif) with TLE3; this interaction represses TBX18 transcriptional activity (By similarity) (PubMed:26235987). Interacts with SIX1 (PubMed:26235987).
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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	Observed: 68 kD Predicted: 65 kDa
NCBI Official Full Name	T-box transcription factor TBX18
NCBI Official Synonym Full Names	T-box 18
NCBI Official Symbol	TBX18
NCBI Official Synonym Symbols	CAKUT2
NCBI Protein Information	T-box transcription factor TBX18
UniProt Protein Name	T-box transcription factor TBX18
UniProt Gene Name	TBX18
UniProt Synonym Gene Names	T-box protein 18

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/tbx18-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325200>