Rabbit anti-Human TBX1 Polyclonal Antibody | anti-TBX1 antibody

TBX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320964	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

TBX1; Polyclonal Antibody; TBX1 Antibody; Brachyury; CAFS; CTHM; DGCR; DGS; DORV; T box; T box 1; T box 1 transcription factor; T box 1 transcription factor C; T box protein 1; T box transcription factor TBX 1; T box transcription factor TBX1; T-box protein 1; T-box transcription factor TBX1; TBX 1; TBX 1C; tbx1; TBX1_HUMAN; TBX1C; Testis specific T box protein; Testis-specific T-box protein; TGA; VCFS; anti-TBX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TBX1 antibody detects endogenous levels of total TBX1
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	372
Applicable Applications for anti-TBX1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TBX1
Subcellular Location	Nucleus.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

IF (Immunofluorescence)
AAA320964 staining K-562 cells 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) antibody, diluted at 1/600, was used as secondary antibody.

WB (Western Blot)
Western blot analysis on COLO205 cell lysate using TBX1 Antibody.The lane on the left is treated with the antigen-specific peptide.

IF (Immunofluorescence)
AAA320964 staining COLO205 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-TBX1 antibody	Description: Probable transcriptional regulator involved in developmental processes. Is required for normal development of the pharyngeal arch arteries. 3 isoforms of the human protein are produced by alternative splicing. Subunit Structure: Interacts with DSCR6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174711
NCBI GeneID	6899
NCBI Accession #	NP_005983.1
NCBI GenBank Nucleotide #	NM_005992.1
UniProt Accession #	O43435; O43436; Q96RJ2; C6G493; C6G494
Molecular Weight	Observed: 43 kDa Predicted: 44 kDa
NCBI Official Full Name	T-box transcription factor TBX1 isoform B
NCBI Official Synonym Full Names	T-box 1
NCBI Official Symbol	TBX1
NCBI Official Synonym Symbols	DGS; TGA; VCF; CAFS; CTHM; DGCR; DORV; VCFS; TBX1C; CATCH22
NCBI Protein Information	T-box transcription factor TBX1
UniProt Protein Name	T-box transcription factor TBX1
UniProt Gene Name	**TBX1**
UniProt Synonym Gene Names	T-box protein 1

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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