

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

TBX1 Polyclonal Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA176813</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

TBX1; Polyclonal Antibody; TBX1 Polyclonal 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; 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                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 0.7mg/mL (varies by lot)                                |
| Sequence Length                                | 372                                                     |
| Applicable Applications for anti-TBX1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)    |
| Immunogen                                      | Synthetic peptide of human TBX1                         |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TBX1 Polyclonal Antibody at dilution of 1:40 (x200)



#### WB (Western Blot)

Western blot analysis of 293T and Hela cell lysates using TBX1 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TBX1 antibody | This gene 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 product shares 98% amino acid sequence identity with the mouse ortholog. DiGeorge syndrome (DGS)/velocardiofacial syndrome (VCFS), a common congenital disorder characterized by neural-crest-related developmental defects, has been associated with deletions of chromosome 22q11.2, where this gene has been mapped. Studies using mouse models of DiGeorge syndrome suggest a major role for this gene in the molecular etiology of DGS/VCFS. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. |
| Product Categories/Family for anti-TBX1 antibody   | Cancer; Epigenetics and Nuclear Signaling; Neuroscience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 5174711                                                     |
| NCBI GeneID                      | 6899                                                        |
| NCBI Accession #                 | NP_005983.1                                                 |
| NCBI GenBank Nucleotide #        | NP_005983.1                                                 |
| UniProt Accession #              | O43435                                                      |
| Molecular Weight                 | 43 kDa                                                      |
| NCBI Official Full Name          | T-box transcription factor TBX1 isoform B                   |
| NCBI Official Synonym Full Names | T-box transcription factor 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                                             |
| UniProt Entry Name               | TBX1_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/tbx1-antibody-immunohistochemistry-western-blot-elisa/176813>