

## Rabbit TGFB1 Polyclonal Antibody | anti-TGFB1 antibody

TGFB1 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA175782</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

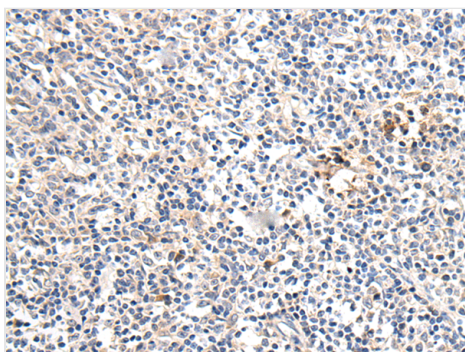
### PRODUCT SYNONYMS

TGFB1; Polyclonal Antibody; TGFB1 Polyclonal Antibody; Cartilage-inducing factor; CED; Differentiation inhibiting factor; DPD1; LAP; Latency-associated peptide; Prepro transforming growth factor beta 1; TGF beta 1; TGF beta; TGF beta 1 protein; TGF-beta 1 protein; TGF-beta-1; TGF-beta-5; TGF-beta1; TGFB; Tgfb-1; Tgfb1; TGFbeta; TGFbeta1; Transforming Growth Factor b1; Transforming Growth Factor beta 1; Transforming growth factor beta 1a; Transforming growth factor beta-1; Transforming growth factor; Beta 1; Transforming Growth Factor-beta1; anti-TGFB1 antibody

### PRODUCT SPECIFICATIONS

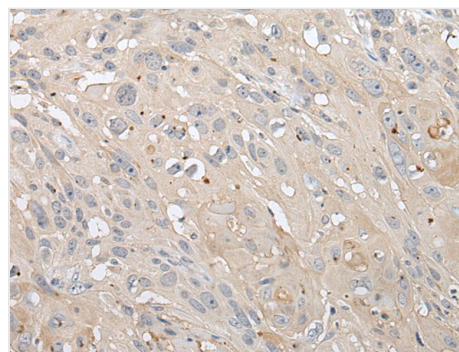
|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Host                                            | Rabbit                                           |
| Reactivity                                      | Human, Mouse, Rat                                |
| Clonality                                       | Polyclonal                                       |
| Isotype                                         | IgG                                              |
| Purity/Purification                             | Antigen Affinity Purification                    |
| Form/Format                                     | PBS with 0.05% NaN3 and 40% Glycerol, pH7.4      |
| Concentration                                   | 0.6mg/mL (varies by lot)                         |
| Sequence Length                                 | 390                                              |
| Applicable Applications for anti-TGFB1 antibody | ELISA, IHC (Immunohistochemistry)                |
| Immunogen                                       | Synthetic peptide of human TGFB1                 |
| Conjugation                                     | Unconjugated                                     |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human tonsil tissue using TGFB1 Polyclonal Antibody at dilution of 1:25(×200)



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TGFB1 Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TGFB1 antibody | This gene encodes a member of the transforming growth factor beta (TGFB) family of cytokines, which are multifunctional peptides that regulate proliferation, differentiation, adhesion, migration, and other functions in many cell types. Many cells have TGFB receptors, and the protein positively and negatively regulates many other growth factors. The secreted protein is cleaved into a latency-associated peptide (LAP) and a mature TGFB1 peptide, and is found in either a latent form composed of a TGFB1 homodimer, a LAP homodimer, and a latent TGFB1-binding protein, or in an active form composed of a TGFB1 homodimer. The mature peptide may also form heterodimers with other TGFB family members. This gene is frequently upregulated in tumor cells, and mutations in this gene result in Camurati-Engelmann disease. |
| Product Categories/Family for anti-TGFB1 antibody   | Cancer; Cardiovascular; Metabolism; Signal Transduction; Stem Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 63025222                                                   |
| NCBI GeneID                      | 7040                                                       |
| NCBI Accession #                 | NP_000651.3                                                |
| NCBI GenBank Nucleotide #        | NP_000651.3                                                |
| UniProt Accession #              | P01137                                                     |
| NCBI Official Full Name          | transforming growth factor beta-1 proprotein preproprotein |
| NCBI Official Synonym Full Names | transforming growth factor beta 1                          |
| NCBI Official Symbol             | TGFB1                                                      |
| NCBI Official Synonym Symbols    | CED; LAP; DPD1; TGFB; IBDIMDE; TGFbeta; TGF-beta1          |
| NCBI Protein Information         | transforming growth factor beta-1 proprotein               |
| UniProt Protein Name             | Transforming growth factor beta-1                          |
| UniProt Gene Name                | TGFB1                                                      |
| UniProt Synonym Gene Names       | TGFB; TGF-beta-1; LAP                                      |
| UniProt Entry Name               | TGFB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tgfb1-antibody-immunohistochemistry-elisa/175782>