

**TGF-beta3 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10928****Specification**

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**TGF-beta3 Antibody - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | WB                       |
| Primary Accession | <a href="#">P10600</a>   |
| Other Accession   | <a href="#">CAA33024</a> |
| Reactivity        | Human, Mouse, Rat        |
| Host              | Rabbit                   |
| Clonality         | Polyclonal               |
| Isotype           | Rabbit IgG               |
| Calculated MW     | 47328                    |

**TGF-beta3 Antibody - Additional Information****Gene ID** 7043

|                     |   |
|---------------------|---|
| Application & Usage | Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. The antibody recognizes ~25 kDa TGF-β3 from samples of human, mouse, and rat origins. Reactivity to other species has not been tested. |
|---------------------|---|

**Other Names**

TGF-b3, TGF b3, TGF-beta3, TGF beta-3, TGFbeta, TGFb3, transforming growth factor beta 3

**Target/Specificity**

TGF-b3

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) peptide affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions**

**Precautions**

TGF-beta3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**TGF-beta3 Antibody - Protein Information**

**Name** TGFB3

**Function**

Transforming growth factor beta-3 proprotein: Precursor of the Latency-associated peptide (LAP) and Transforming growth factor beta-3 (TGF-beta-3) chains, which constitute the regulatory and active subunit of TGF-beta-3, respectively.

**Cellular Location**

[Latency-associated peptide]: Secreted, extracellular space, extracellular matrix  
{ECO:0000250|UniProtKB:P01137}

**TGF-beta3 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TGF-beta3 Antibody - Images****TGF-beta3 Antibody - Background**

The three mammalian isoforms of TGF-beta (TGF-beta1, TGF-beta2, TGF-beta3) signal through the same receptor and elicit similar biological responses. They are multifunctional cytokines that regulate cell proliferation, growth, differentiation and motility as well as synthesis and deposition of the extracellular matrix. They are involved in various physiological processes including embryogenesis, tissue remodeling and wound healing. They are secreted predominantly as latent complexes which are stored at the cell surface and in the extracellular matrix. The release of biologically active TGF-beta isoform from a latent complex involves proteolytic processing of the complex and/or induction of conformational changes by proteins such as thrombospondin-1. TGF-beta2 has been shown to exert suppressive effects on IL-2 dependent T-cell growth, and may also have an autocrine function in enhancing tumor growth by suppressing immuno-surveillance of tumor development.