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TGF-alpha Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10925

Specification

TGF-alpha Antibody - Product Information

Application	**WB, E**
Primary Accession	P01135
Other Accession	NP_003227
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**17006**

TGF-alpha Antibody - Additional Information

Gene ID 7039

Application & Usage	**Western blot analysis (0.5-4 µg/ml). Recombinant human TGF-a can be used as a positive control. However, the optimal conditions should be determined individually.**

Other Names
TGF-a, TGF-alpha, TGF alpha, TGFalpha, transforming growth factor alpha, EGF-like TGF, ETGF, TGF type 1

Target/Specificity
TGF-a

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) affinity purified rabbit anti-human TGF-α polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

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

TGF-alpha Antibody - Protein Information

Name TGFA

Function
TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor/EGFR and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.

Cellular Location
[Transforming growth factor alpha]: Secreted, extracellular space

Tissue Location
Isoform 1, isoform 3 and isoform 4 are expressed in keratinocytes and tumor-derived cell lines

TGF-alpha 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 Cytomety
- Cell Culture

TGF-alpha Antibody - Images

TGF-alpha Antibody - Background

Transforming Growth Factor-alpha (TGF-α) stimulates the proliferation of a wide range of epidermal and epithelial cells. TGF-α has been shown to play a role in the autocrine growth of certain transformed cells.