

TGF alpha Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51555

Specification

TGF alpha Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	P01135
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17 KDa

TGF alpha Antibody - Additional Information

Gene ID 7039

Other Names

Protransforming growth factor alpha, Transforming growth factor alpha, TGF-alpha, EGF-like TGF, ETGF, TGF type 1, TGFA

Dilution

WB~~1:1000
IHC-P~~N/A
E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C.Stable for 12 months from date of receipt

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 Cytometry](#)
- [Cell Culture](#)

TGF alpha Antibody - Images

TGF alpha Antibody - Background

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.

TGF alpha Antibody - References

Derynck R.,et al.Cell 38:287-297(1984).
Jakowlew S.B.,et al.Mol. Endocrinol. 2:1056-1063(1988).
Qian J.F.,et al.Gene 132:291-296(1993).
Qian J.F.,et al.Am. J. Hum. Genet. 53:168-175(1993).
Machida J.,et al.Genomics 61:237-242(1999).