

# TGF alpha Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51555

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">P01135</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	17006

## Additional Information

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<b>Gene ID</b>	7039
<b>Other Names</b>	Protransforming growth factor alpha, Transforming growth factor alpha, TGF-alpha, EGF-like TGF, ETGF, TGF type 1, TGFA
<b>Dilution</b>	WB~~1:1000 IHC-P~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	TGFA
<b>Function</b>	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.
<b>Cellular Location</b>	[Transforming growth factor alpha]: Secreted, extracellular space
<b>Tissue Location</b>	Isoform 1, isoform 3 and isoform 4 are expressed in keratinocytes and tumor-derived cell lines

## Background

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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.

## References

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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).  
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