



# Anti-TGFA polyclonal antibody [Biotin] (DPABY-361)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	View TGF alpha IHC images.
<b>Specificity</b>	Detects human TGF-alpha in ELISAs and Western blots. In sandwich immunoassays, less than 0.05% cross-reactivity with rhTGF-beta 1, rhAR, rhBTC, rhEGF, rhHRG-a and rhSMDF is observed.
<b>Immunogen</b>	E. coli-derived recombinant human TGF-alpha . Val40-Ala89 Accession Number P01135
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution.

6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

Gene Name	<a href="#">TGFA transforming growth factor, alpha [ Homo sapiens (human) ]</a>
Official Symbol	TGFA
Synonyms	TGFA; transforming growth factor, alpha; TFGA; protransforming growth factor alpha; TGF-alpha;
Entrez Gene ID	<a href="#">7039</a>
Protein Refseq	<a href="#">NP_001093161</a>
UniProt ID	<a href="#">P01135</a>
Chromosome Location	2p13
Pathway	Direct p53 effectors; ErbB receptor signaling network; ErbB signaling pathway; FOXM1 transcription factor network; Glioma; Non-small cell lung cancer; Pancreatic cancer; Pathways in cancer;
Function	MAP kinase kinase activity; epidermal growth factor receptor binding; glycoprotein binding; growth factor activity; protein binding;