



Anti-TGFA polyclonal antibody (DPABY-269)

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

PRODUCT INFORMATION

Antigen Description	View TGF alpha IHC images.
Specificity	Detects human TGF-alpha in ELISAs and Western blots. In sandwich immunoassays, less than 0.05% cross-reactivity with recombinant human (rh)TGF-beta 1, rhAmphiregulin, rhBetacellulin, rhEGF, rhHRG-alpha, and rhSMDF is observed.
Immunogen	E. coli-derived recombinant human TGF-alpha . Val40-Ala89 Accession Number P01135
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	Western Blot, Immunohistochemistry, ELISA Capture (Matched Pair), Neutralization
Format	Liquid
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.
Preservative	See individual product datasheet
Storage	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	TGFA transforming growth factor, alpha [Homo sapiens (human)]
Official Symbol	TGFA
Synonyms	TGFA; transforming growth factor, alpha; TFGA; protransforming growth factor alpha; TGF-alpha;
Entrez Gene ID	7039
Protein Refseq	NP_001093161
UniProt ID	P01135
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;