



Anti-TGFA (aa 42-89) polyclonal antibody (DPAB-DC3058)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	TGFA (NP_003227, 42 a.a. ~ 89 a.a) partial recombinant protein with GST tag. The sequence is SHFNDCPDSHTQFCFHGTCRFLVQEDKPACVCHSGYVGARCEHADLLA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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 signaling pathway; FOXM1 transcription factor network; Glioma
Function	MAP kinase kinase activity; epidermal growth factor receptor binding; glycoprotein binding; growth factor activity