



Anti-TGIF2 (aa 131-236) polyclonal antibody (DPAB-DC2705)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a DNA-binding homeobox protein and a transcriptional repressor, which appears to repress transcription by recruiting histone deacetylases to TGF beta-responsive genes. This gene is amplified and over-expressed in some ovarian cancers. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 1. Read-through transcription also exists between this gene and the neighboring downstream C20orf24 (chromosome 20 open reading frame 24) gene.
Immunogen	TGIF2 (NP_068581, 131 a.a. ~ 236 a.a) partial recombinant protein with GST tag. The sequence is SMPLHSGQGGEKPAAPFPRGELESPKPLVTPGSTLTLLTRAEAGSPTGGLFNTPPPTPPEQ DKEDFSSFQLLVEVALQRAAEMELQKQDPSLPLLHTPIPLVSENP
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	TGIF2 TGFB-induced factor homeobox 2 [Homo sapiens (human)]
Official Symbol	TGIF2
Synonyms	TGIF2; TGFB-induced factor homeobox 2; homeobox protein TGIF2; 5-TG-3 interacting factor 2; TGF-beta-induced transcription factor 2; TGF(beta)-induced transcription factor 2; TGFB-induced factor 2 (TALE family homeobox); transcription growth factor-beta-induced factor 2;
Entrez Gene ID	60436
Protein Refseq	NP_001186442
UniProt ID	Q9GZN2
Chromosome Location	20q11.23
Pathway	Disease; Gene Expression; Loss of Function of SMAD2/3 in Cancer; Loss of Function of TGFR1 in Cancer
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;