Anti-TPBG (aa 219-328) polyclonal antibody (DPAB-DC3097)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a leucine-rich transmembrane glycoprotein that may be involved in cell adhesion. The encoded protein is an oncofetal antigen that is specific to trophoblast cells. In adults this protein is highly expressed in many tumor cells and is associated with poor clinical outcome in numerous cancers. Alternate splicing in the 5 UTR results in multiple transcript variants that encode the same protein.
Immunogen	TPBG (NP_006661, 219 a.a. ~ 328 a.a) partial recombinant protein with GST tag. The sequence is SNHFLYLPRDVLAQLPSLRHLDLSNNSLVSLTYVSFRNLTHLESLHLEDNALKVLHNGTL AELQGLPHIRVFLDNNPWVCDCHMADMVTWLKETEVVQGKDRLTCAYPEK
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	TPBG trophoblast glycoprotein [Homo sapiens (human)]
Official Symbol	TPBG
Synonyms	TPBG; trophoblast glycoprotein; 5T4; M6P1; 5T4AG; WAIF1; 5T4 oncofetal antigen; 5T4 oncotrophoblast glycoprotein; wnt-activated inhibitory factor 1; 5T4 oncofetal trophoblast glycoprotein;
Entrez Gene ID	7162
Protein Refseq	NP_001159864
UniProt ID	Q13641
Chromosome Location	6q14-q15