



Anti-PLAG1 (aa 2-99) polyclonal antibody (DPAB-DC2264)

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

PRODUCT INFORMATION

Antigen Description	Pleomorphic adenoma gene 1 encodes a zinc finger protein with 2 putative nuclear localization signals. PLAG1, which is developmentally regulated, has been shown to be consistently rearranged in pleomorphic adenomas of the salivary glands. PLAG1 is activated by the reciprocal chromosomal translocations involving 8q12 in a subset of salivary gland pleomorphic adenomas. Three transcript variants encoding two different isoforms have been found for this gene.
Immunogen	PLAG1 (NP_002646, 2 a.a. ~ 99 a.a) partial recombinant protein with GST tag. The sequence is ATVIPGDLSEVRDTQKVPSGKRKRGETKPRKNFPCQLCDKAFNSVEKLVHSYSHTGERP YKCIQQDCTKAFVSKYKLQRHMATHSPEKTHKCNCEK
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	PLAG1 pleiomorphic adenoma gene 1 [Homo sapiens (human)]
Official Symbol	PLAG1
Synonyms	PLAG1; pleiomorphic adenoma gene 1; PSA; SGPA; ZNF912; zinc finger protein PLAG1; COL1A2/PLAG1 fusion;
Entrez Gene ID	5324
Protein Refseq	NP_001108106
UniProt ID	A0A024R7Z0
Chromosome Location	8q12
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; metal ion binding;