



Anti-PAPPA (aa 85-194) polyclonal antibody (DPAB-DC2090)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a secreted metalloproteinase which cleaves insulin-like growth factor binding proteins (IGFBPs). It is thought to be involved in local proliferative processes such as wound healing and bone remodeling. Low plasma level of this protein has been suggested as a biochemical marker for pregnancies with aneuploid fetuses.
Immunogen	PAPPA (NP_002572, 85 a.a. ~ 194 a.a) partial recombinant protein with GST tag. The sequence is GATEEPSPPSRALYFSGRGEQLRLRADLELPDAFTLQVWLRAEGGQRSPAVITGLYDKC SYISRDRGWVVGIIHTISDQDNKDPYFFSLKTDRARQVTTINAHRSYLPG
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 [PAPPA pregnancy-associated plasma protein A, pappalysin 1 \[Homo sapiens \(human\) \]](#)

Official Symbol	PAPPA
Synonyms	PAPPA; pregnancy-associated plasma protein A, pappalysin 1; PAPA; DIPLA1; PAPP-A; PAPPA1; ASBABP2; IGFBP-4ase; pappalysin-1; IGF-dependent IGFBP-4 protease; aspecific BCL2 ARE-binding protein 2; pregnancy-associated plasma protein A; differentially placenta 1 expressed protein; insulin-like growth factor-dependent IGF binding protein-4 protease; insulin-like growth factor-dependent IGF-binding protein 4 protease;
Entrez Gene ID	5069
Protein Refseq	NP_002572
UniProt ID	Q13219
Chromosome Location	9q33.2
Pathway	Metabolism of proteins;
Function	endopeptidase activity; metallopeptidase activity; zinc ion binding;