



## 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	PAPPA (NP_002572, 85 a.a. ~ 194 a.a) partial recombinant protein with GST tag. The sequence is GATEEPSPPSRALYFSGRGEQLRLRADLELPRDAFTLQVWLRAEGGQRSPAVITGLYDKC SYISRDRGVVVGHTISDQDNKDPRYFFSLKTDRARQVTTNAHRSYLPG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">PAPPA pregnancy-associated plasma protein A, pappalysin 1 [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	PAPPA
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">5069</a>
<b>Protein Refseq</b>	<a href="#">NP_002572</a>
<b>UniProt ID</b>	<a href="#">Q13219</a>
<b>Chromosome Location</b>	9q33.2
<b>Pathway</b>	Metabolism of proteins;
<b>Function</b>	endopeptidase activity; metallopeptidase activity; zinc ion binding;

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