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## anti-PAPPA antibody (AA 317-532)

**Images** 



#### Overview

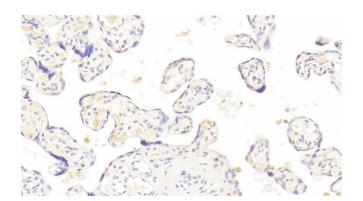
Quantity:	100 μL
Target:	PAPPA
Binding Specificity:	AA 317-532
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAPPA antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

#### **Product Details**

Purpose:	Polyclonal Antibody to Pregnancy Associated Plasma Protein A (PAPPA)
Immunogen:	Recombinant Pregnancy Associated Plasma Protein A (PAPPA) corresdonding to Leu317~Pro532 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PAPPA. It has been selected for its ability to recognize PAPPA in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

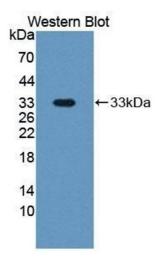
### **Target Details**

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Target:	PAPPA
Alternative Name:	Pregnancy Associated Plasma Protein A (PAPPA Products)
Background:	PAPP-A, PAPA, ASBABP2, DIPLA1, IGFBP-4ase, PAPPA1, Pappalysin 1, Insulin-Like Growth
	Factor Binding Protein-4 Protease, Differentially Placenta 1 Expressed Protein
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL Immunohistochemistry: 5-20 μg/mL Immunocytochemistry: 5-
	20 μg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS
	SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### **Immunohistochemistry**

**Image 1.** Detection of PAPPA in Human Placenta Tissue using Polyclonal Antibody to Pregnancy Associated Plasma Protein A (PAPPA)



#### **Western Blotting**

**Image 2.** Detection of Recombinant PAPPA, Human using Polyclonal Antibody to Pregnancy Associated Plasma Protein A (PAPPA)