# antibodies - online.com







## anti-PAPPA antibody (AA 95-388)

**Images** 



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Quantity:	100 μg	
Target:	PAPPA	
Binding Specificity:	AA 95-388	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Purpose:	Rabbit IgG polyclonal antibody for Pappalysin-1(PAPPA) detection. Tested with WB, IHC-P in Human.	
Immunogen:	E.coli-derived human PAPP A recombinant protein (Position: R95-Q388). Human PAPP A shares 88% amino acid (aa) sequence identity with mouse PAPP A.	
Isotype:	IgG	
Cross-Reactivity (Details):	No cross reactivity with other proteins.	
Characteristics:	Rabbit IgG polyclonal antibody for Pappalysin-1(PAPPA) detection. Tested with WB, IHC-P in Human.  Gene Name: pregnancy-associated plasma protein A, pappalysin 1  Protein Name: Pappalysin-1	
Purification:	Immunogen affinity purified.	

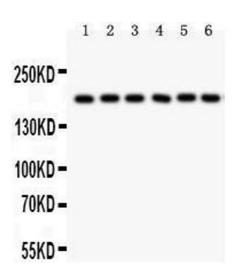
#### **Target Details**

Target:	PAPPA
Alternative Name:	PAPPA (PAPPA Products)
Background:	Pappalysin-1, also known as DIPLA1, is a protein that in humans is encoded by the PAPPA
	gene. It is mapped to 9q33.1. PAPPA is found in the ovarian follicles, follicular fluid, luteal cells
	and fallopian tubes of nonpregnant women and in the seminal vesicles and seminal fluid of
	males. 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. It has been found
	that circulating PAPPA is a disulfide-bridged complex with proMBP in which the subunits of the
	constituents are present in a 1:1 Molar ratio.
	Synonyms: ASBABP2 antibody Aspecific BCL2 ARE binding protein 2 antibody Differentially
	placenta 1 expressed protein antibody DIPLA1 antibody IGF dependent IGFBP 4 protease
	antibody IGF-dependent IGFBP-4 protease antibody IGFBP 4ase antibody IGFBP-4ase
	antibody IGFBP4ase antibody Insulin like growth factor dependent IGF binding protein 4
	protease antibody Insulin-like growth factor-dependent IGF-binding protein 4 protease
	antibody PAPA antibody PAPP A antibody PAPP-A antibody PAPP1_HUMAN antibody PAPPA
	antibody PAPPA1 antibody Pappalysin 1 precursor antibody Pappalysin-1 antibody Pregnancy
	Associated Plasma Protein A antibody Pregnancy associated plasma protein A pappalysin 1
	antibody Pregnancy-associated plasma protein A antibody
Gene ID:	5069
UniProt:	Q13219
Application Details	
Application Notes:	WB: Concentration: 0.1-0.5 μg/mL, Tested Species: Human, The detection limit for PAPP A is
	approximately 0.25 ng/lane under reducing conditions.
	IHC-P: Concentration: 0.5-1 $\mu$ g/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling
	the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of
	formalin/paraffin sections.
	Notes: Tested Species: Species with positive results. Other applications have not been tested.
	Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by

### **Application Details**

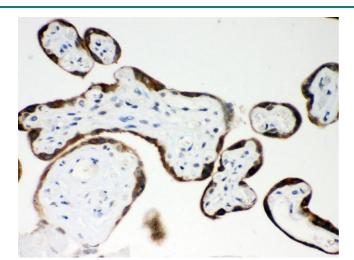
	ABIN921231 in IHC(P).
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 μg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month.  It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
lmagaa	

#### **Images**



**Western Blotting** 

Image 1.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2.