

Anti-Pregnancy associated plasma protein A (human, PAPP-A)

CAT. NO. ABS 006-01

OVERVIEW

Product Name	Anti-Pregnancy associated plasma protein A (human, PAPP-A)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	PAPP A 1-1
Tested Applications	ELISA, WB, IHC		

SPECIFICITY

Specificity	<p>ABS 006-01 is specific for native human PAPP-A.</p> <p>The epitope of ABS 006-01 is different from BTE 004-09 and ABS 006-24. The epitope is located on the PAPP-A subunit of the heterotetramer.</p>		
Immunogen	Purified human PAPP-A	Gene ID	5069
Target	<p>Pregnancy-associated plasma protein-A (PAPP-A, Insulin-like growth factor binding protein-4 protease, PAPP-A-proMBP complex) is a large heterotetrameric glycoprotein of approximately 500 kDa, which was first discovered in serum from pregnant women. The heterotetramer consists of two PAPP-A subunits and two proMBP subunits. Low maternal serum levels of PAPP-A in first trimester biochemical screening is used as a marker of Down's syndrome (trisomy 21).</p>		
Species Reactivity POSITIVE	Human	Species Reactivity NEGATIVE	Not determined

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL \pm 15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	In sandwich ELISA with a polyclonal antibody in coat, ABS 006-01 only reacts poorly with PAPP-A in third trimester serum.
WB	ABS 006-01 only detects unreduced PAPP-A in Western blotting.
IHC	ABS 006-01 can be used in IHC. Please consult www.proteinatlas.org

SCIENTIFIC REFERENCES

N/A

CONDITIONS

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