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PRODUCT DATASHEET

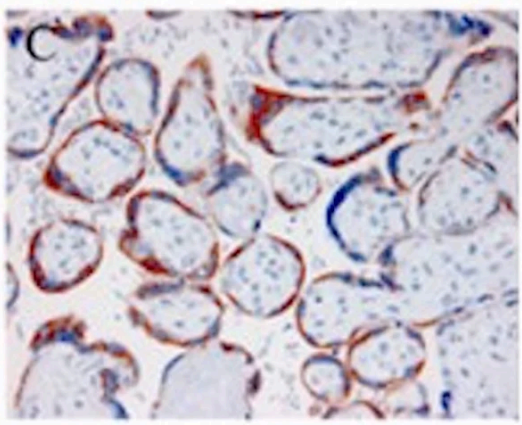
Anti-Pregnancy Associated Plasma Protein A (PAPP-A) Antibody

Product Details

Available Variants	100 uL (SKU:ABS 006-24-010) 400 uL (SKU:ABS 006-24-04) 1000 uL (SKU:ABS 006-24-1)
Conjugate	Unconjugated
Isotype	IgG1/k
Clone	PAPP A 1-24
Gene Name	PAPPA
Host Species	Mouse
Concentration	1 mg/mL ±15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA, IHC, WB
Species Reactivity	Human
Immunogen	Purified human PAPP-A
Specificity	ABS 006-24 is specific for native human PAPP-A. Heat and SDS denatured PAPP-A is also recognized, but not acid treated PAPP-A. The epitope of ABS 006-24 is different from BTE 004-09 and ABS 006-01. The epitope is located on the PAPP-A subunit of the heterotetramer.
Molecular Weight	500 kDa (tetramer), 180 kDa (monomer)
Storage	2-8°C without exposure to light
UniProt ID	Q13219 UniProt Summary: Metalloproteinase which specifically cleaves IGFBP-4 and

	IGFBP-5, resulting in release of bound IGF. Cleavage of IGFBP-4 is dramatically enhanced by the presence of IGF, whereas cleavage of IGFBP-5 is slightly inhibited by the presence of IGF. {ECO:0000269|PubMed:10077652, ECO:0000269|PubMed:10913121, ECO:0000269|PubMed:11522292}.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	5069

Product Images



Immunohistochemistry detection of Pregnancy associated plasma protein A (PAPP-A) in human placental tissue using Anti-Pregnancy Associated Plasma Protein A (PAPP-A) Antibody (Cat.ABS 006-24-010). Tissue was mounted and pariffin fixed. Heat induced antigen retrieval was performed using citrate buffer, heated, and then blocked. After washing, the primary antibody (Cat.ABS 006-24-010) was incubated with the sample.