

Mouse anti-Human PAPP-A Monoclonal Antibody | anti-PAPP-A antibody

Monoclonal Antibody to PAPP-A (Clone: ABM4C62)

CATALOG # AAA78282	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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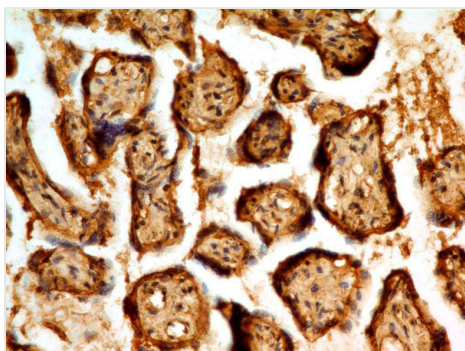
PRODUCT SYNONYMS

PAPP-A; Monoclonal Antibody; Monoclonal Antibody to PAPP-A (Clone: ABM4C62); Insulin-like growth factor-dependent IGF-binding protein 4 protease; IGF-dependent IGFBP-4 protease; Pregnancy-associated plasma protein A.; anti-PAPP-A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	ABM4C62
Purity/Purification	Purified Protein G Chromatography
Form/Format	25ug in 50ul/100ug in 200ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	1791
Applicable Applications for anti-PAPP-A antibody	IHC (Immunohistochemistry)
Immunogen Information	A partial length recombinant PAPP-A protein (amino acids 332-561) was used as the immunogen for this antibody.
Antigen	PAPP-A
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Fig-1: Immunohistochemical analysis of PAPP-A in human Placenta tissue using PAPP-A antibody (Clone: ABM4C62) at 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PAPP-A antibody	PAPP-A (pregnancy-associated plasma protein A) is a zinc metalloproteinase in the insulin-like growth factor system that is expressed by tissues outside of pregnancy and involved in normal and dysregulated growth. It has prognostic impact in pregnancy and acute coronary syndrome. PAPP-A regulate the activity of insulin-like growth factor (IGF) signal pathway through proteolytic degradation of IGF binding proteins (IGFBPs) thereby increasing the local concentration of free IGFs available to receptors. PAPP-A levels is associated with abnormal glucose metabolism and increased risk of atherosclerosis in AGHD (Adult Growth Hormone Deficiency) patients.
Product Categories/Family for anti-PAPP-A antibody	Antibodies ; Cancer Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	126302580
NCBI GeneID	5069
UniProt Accession #	Q13219 ; Q96PH7 ; Q96PH8 ; Q9H4C9 ; A9Z1Y8 ; Q9BXP8
NCBI Official Full Name	Pappalysin-2
NCBI Official Synonym Full Names	pappalysin 2
NCBI Official Symbol	PAPPA2
NCBI Official Synonym Symbols	PAPPE; PLAC3; PAPP-E; PAPP-A2
NCBI Protein Information	pappalysin-2
UniProt Protein Name	Pappalysin-2
UniProt Gene Name	PAPPA2
UniProt Synonym Gene Names	PLAC3; PAPP-A2; PAPP-E

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.