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PAPPA2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12115

Product Information

Application	WB
Primary Accession	Q9BXP8
Other Accession	NM_021936, NP_068755
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	198539

Additional Information

Gene ID	60676
Alias Symbol	PAPP-A2, PAPPE, PLAC3
Other Names	Pappalysin-2, 3.4.24.-, Pregnancy-associated plasma protein A2, PAPP-A2, Pregnancy-associated plasma protein E1, PAPP-E, PAPPA2, PLAC3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PAPPA2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PAPPA2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

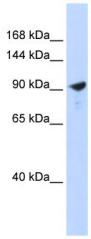
Protein Information

Name	PAPPA2
Synonyms	PLAC3
Function	Metalloproteinase which specifically cleaves insulin-like growth factor binding protein (IGFBP)-5 at the '163-Ser-|-Lys-164' bond. Shows limited proteolysis toward IGFBP-3.
Cellular Location	Secreted.
Tissue Location	Expressed abundantly in placenta, and non-pregnant mammary gland with low expression in the kidney, fetal brain and pancreas.

References

Gregory,S.G.,(2006)Nature441(7091),315-321ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-PAPPA2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: 293T cell lysate
PAPPA2 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.