

PAPPA2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12115**Specification**

PAPPA2 antibody - middle region - Product Information

Application	WB
Primary Accession	Q9BXP8
Other Accession	NM_021936 , NP_068755
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92kDa KDa

PAPPA2 antibody - middle region - 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.

PAPPA2 antibody - middle region - 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.

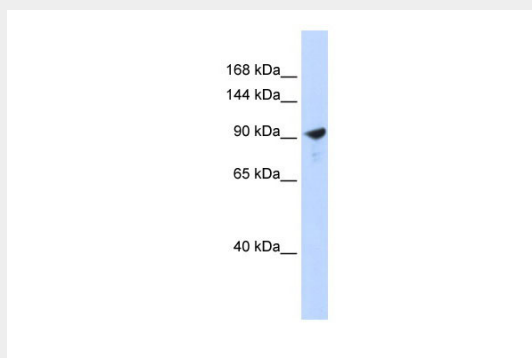
Tissue Location

Expressed abundantly in placenta, and non-pregnant mammary gland with low expression in the kidney, fetal brain and pancreas.

PAPPA2 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PAPPA2 antibody - middle region - 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

PAPPA2 antibody - middle region - References

Gregory, S.G., (2006) Nature 441(7091), 315-321 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.