

PAPPA2 / Pappalysin 2 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS14000

Specification

PAPPA2 / Pappalysin 2 Antibody (N-Terminus) - Product Information

Application	ICC, IF, WB, IHC
Primary Accession	Q9BXP8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	199kDa KDa

PAPPA2 / Pappalysin 2 Antibody (N-Terminus) - Additional Information

Gene ID 60676

Other Names

Pappalysin-2, 3.4.24.-, Pregnancy-associated plasma protein A2, PAPP-A2, Pregnancy-associated plasma protein E1, PAPP-E, PAPPA2, PLAC3

Target/Specificity

Human PAPPA2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

PAPPA2 / Pappalysin 2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

PAPPA2 / Pappalysin 2 Antibody (N-Terminus) - 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

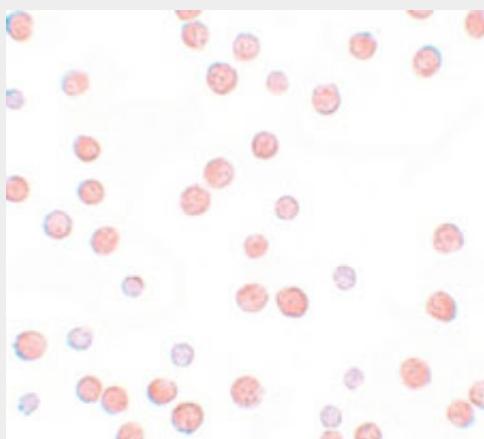
Expressed abundantly in placenta, and non-pregnant mammary gland with low expression in the kidney, fetal brain and pancreas.

PAPPA2 / Pappalysin 2 Antibody (N-Terminus) - Protocols

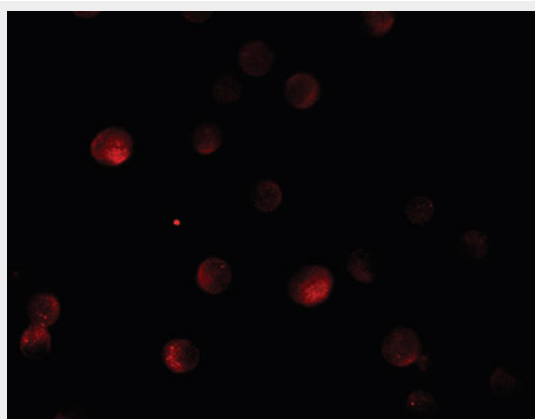
Provided below are standard protocols that you may find useful for product applications.

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

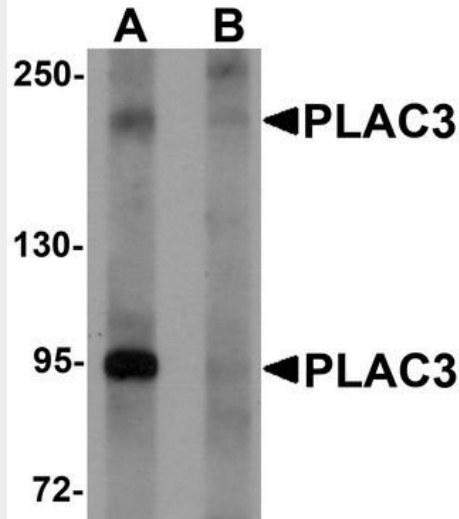
PAPPA2 / Pappalysin 2 Antibody (N-Terminus) - Images



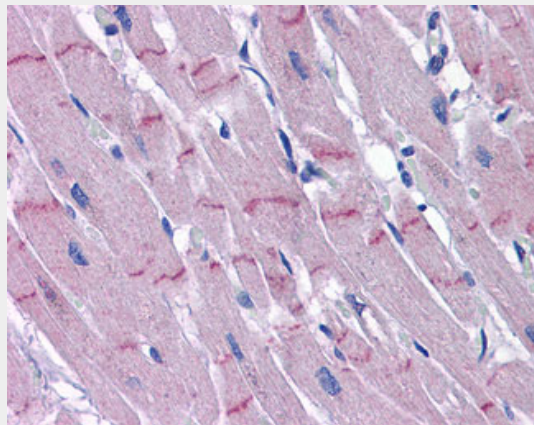
Immunocytochemistry of PLAC3 in HeLa cells with PLAC3 antibody at 10 ug/ml.



Immunofluorescence of PLAC3 in HeLa cells with PLAC3 antibody at 20 ug/ml.



Western blot analysis of PLAC3 in HeLa cell lysate with PLAC3 antibody at 1 ug/ml in (A) the...



Anti-PAPPA2 antibody IHC of human heart.

PAPPA2 / Pappalysin 2 Antibody (N-Terminus) - Background

Metalloproteinase which specifically cleaves IGFBP-5. Shows limited proteolysis toward IGFBP-3.

PAPPA2 / Pappalysin 2 Antibody (N-Terminus) - References

Overgaard M.T.,et al.J. Biol. Chem. 276:21849-21853(2001).
 Page N.M.,et al.Placenta 22:681-687(2001).
 Gregory S.G.,et al.Nature 441:315-321(2006).
 Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
 Farr M.,et al.Biochim. Biophys. Acta 1493:356-362(2000).