

## 妊娠相关血浆蛋白 A 抗体

产品货号： mlR6618

英文名称： PAPPA

中文名称： 妊娠相关血浆蛋白 A 抗体

别名： ASBAP2; Aspecific BCL2 ARE binding protein 2; Differentially placenta 1 expressed protein; DIPLA1; IGF dependent IGFBP 4 protease; IGF-dependent IGFBP-4 protease; IGFBP 4ase; IGFBP-4ase; IGFBP4ase; Insulin like growth factor dependent IGF binding protein 4 protease; Insulin-like growth factor-dependent IGF-binding protein 4 protease; PAPA; PAPP A; PAPP-A; PAPP1\_HUMAN; PAPPA; PAPPA1; Pappalysin 1 precursor; Pappalysin-1; Pregnancy Associated Plasma Protein A; Pregnancy associated plasma protein A pappalysin 1; Pregnancy-associated plasma protein A.

研究领域： 心血管 细胞生物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需

做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

**分 子 量 :** 170kDa

**细胞定位 :** 分泌型蛋白

**性 状 :** Lyophilized or Liquid

**浓 度 :** 1mg/ml

**免 疫 原 :** KLH conjugated synthetic peptide derived from human PAPPA:1321-1460/1627

**亚 型 :** IgG

**纯化方法 :** affinity purified by Protein A

**储 存 液 :** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件 :** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PubMed :** PubMed

**产品介绍 background:**

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.

**Function:**

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.

**Subunit:**

Homodimer; disulfide-linked. In pregnancy serum, predominantly found as a disulfide-linked 2:2 heterotetramer with the proform of PRG2.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

High levels in placenta and pregnancy serum. In placenta, expressed in X cells in septa and anchoring villi, and in syncytiotrophoblasts in the chorionic villi. Lower levels are found in a variety of other tissues including kidney, myometrium, endometrium, ovaries, breast, prostate, bone marrow, colon, fibroblasts and osteoblasts.

**Post-translational modifications:**

There appear to be no free sulfhydryl groups.

**Similarity:**

Belongs to the peptidase M43B family.

Contains 5 Sushi (CCP/SCR) domains.

**SWISS:**

Q13219

**Gene ID:**

5069

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片：

