

**产品名称: Placental Protein 14 / PAEP (11B8) Rabbit
Monoclonal Antibody**
产品货号: AMRe16236



产品概述 (Summary)

产品名称 (Production Name)	Placental Protein 14 / PAEP (11B8) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PAEP
别名 (Alternative Names)	GdA; GdF; GdS; Glycodelin A; Glycodelin; Glycodelin F; Glycodelin S; PAEG; PAEP; PEG; PEP; Placental protein 14; PP14;
基因 ID (Gene ID)	5047.0
蛋白 ID (SwissProt ID)	P09466.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000
蛋白分子量 (Molecular Weight)	21kDa

**产品名称: Placental Protein 14 / PAEP (11B8) Rabbit
Monoclonal Antibody**
产品货号: AMRe16236

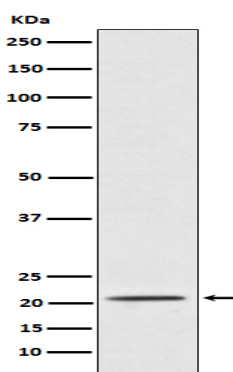


研究背景 (Background)

This protein is, quantitatively, the main protein synthesized and secreted in the endometrium from mid-luteal phase of the menstrual cycle and during the first semester of pregnancy. Glycoprotein that regulates critical steps during fertilization and also has immunomodulatory effects. Four glycoforms, namely glycodelin-S, -A, -F and -C have been identified in reproductive tissues that differ in glycosylation and biological activity. Glycodelin-A has contraceptive and immunosuppressive activities (PubMed: [9918684](http://www.uniprot.org/citations/9918684)), PubMed: [7531163](http://www.uniprot.org/citations/7531163)). Glycodelin-C stimulates binding of spermatozoa to the zona pellucida (PubMed: [17192260](http://www.uniprot.org/citations/17192260)). Glycodelin-F inhibits spermatozoa-zona pellucida binding and significantly suppresses progesterone-induced acrosome reaction of spermatozoa (PubMed: [12672671](http://www.uniprot.org/citations/12672671)). Glycodelin-S in seminal plasma maintains the uncapacitated state of human spermatozoa (PubMed: [15883155](http://www.uniprot.org/citations/15883155)).

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of Placental Protein 14 / PAEP expression in TPA-treated K562 cell lysate.

注意事项 (Note)

For research use only .