

## 分泌型磷脂酶 A2 亚基 5 抗体

产品货号： mlR19624

英文名称： Secretory phospholipase A2 Type V

中文名称： 分泌型磷脂酶 A2 亚基 5 抗体

别名： Ca<sup>2+</sup> dependent phospholipase A2; Calcium dependent phospholipase A2; Calcium-dependent phospholipase A2; DKFZp686C2294; FRFB; Group V phospholipase A2; GV PLA2; gVPLA2; hVPLA(2); MGC46205; OTTHUMP0000044655; PA2G5\_HUMAN; Phosphatidylcholine 2 acylhydrolase; Phosphatidylcholine 2-acylhydrolase 5; Phospholipase A2 group V; PLA2 10; PLA2 G5; PLA2-10; PLA2G5.

研究领域： 细胞生物 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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： 14kDa

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 Secretary phospholipase A2 Type V:21-80/138

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** This gene is a member of the secretory phospholipase A2 family. It is located in a tightly-linked cluster of secretory phospholipase A2 genes on chromosome 1. The encoded enzyme catalyzes the hydrolysis of membrane phospholipids to generate lysophospholipids and free fatty acids including arachidonic acid. It preferentially hydrolyzes linoleoyl-containing phosphatidylcholine substrates. Secretion of this enzyme is thought to induce inflammatory responses in neighboring cells. Alternatively spliced transcript variants have been found, but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]

**Function:**

PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides. This isozyme hydrolyzes more efficiently L-alpha-1-palmitoyl-2-oleoyl phosphatidylcholine than L-alpha-1-palmitoyl-2-arachidonyl phosphatidylcholine, L-alpha-1-palmitoyl-2-arachidonyl phosphatidylethanolamine, or L-alpha-1-stearoyl-2-arachidonyl phosphatidylinositol. May be involved in the production of lung surfactant, the remodeling or regulation of cardiac muscle.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Heart, placenta and less abundantly, in lung.

**Post-translational modifications:**

This enzyme lacks one of the seven disulfide bonds found in similar PA2 proteins.

**Similarity:**

Belongs to the phospholipase A2 family.

**SWISS:**

P39877

**Gene ID:**

5322

**Important Note:**

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