



# Secretory phospholipase A2 rabbit pAb

|      |  |
|------|--|
| 货号   | BYab-18008   |
| 同位型  | IgG  |
| 应用   | WB   |
| 种属   | Human;Mouse;Rat  |
| 靶点   | PLA2G2A  |
| 基因名称 | PLA2G2A PLA2B PLA2L RASF-A   |
| 蛋白名称 | Phospholipase A2, membrane associated (EC 3.1.1.4) (GIIC sPLA2) (Group IIA phospholipase A2) (Non-pancreatic secretory phospholipase A2) (NPS-PLA2) (Phosphatidylcholine 2-acylhydrolase 2A)   |
| 免疫原  | Synthesized peptide derived from human Secretory phospholipase A2  |
| 特异性  | This antibody detects endogenous levels of Secretory phospholipase A2 at Human, Mouse,Rat  |
| 组成   | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| 来源   | Polyclonal, Rabbit,IgG   |
| 稀释   | WB 1:500-2000  |
| 纯化工艺 | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| 分子量  | 16kD   |
| 功能   | Secretory calcium-dependent phospholipase A2 that primarily targets extracellular phospholipids with implications in host antimicrobial defense, inflammatory response and tissue regeneration . Hydrolyzes the ester bond of the fatty acyl group attached at sn-2 position of phospholipids (phospholipase A2 activity) with preference for phosphatidylethanolamines and phosphatidylglycerols over phosphatidylcholines . Contributes to lipid remodeling of cellular membranes and generation of lipid mediators involved in pathogen clearance. Displays bactericidal activity against Gram-positive bacteria by directly hydrolyzing phospholipids of the bacterial membrane . Upon sterile inflammation, targets membrane phospholipids of extracellular mitochondria released from activated platelets, generating free unsaturated fatty acids such as arachidonate that is used by neighboring leukocytes to synthesize |
| 细胞定位 | Secreted . Cell membrane ; Peripheral membrane protein . Mitochondrion outer membrane ; Peripheral membrane protein .  |
| 组织表达 | Expressed in various tissues including heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, prostate, ovary, colon and small intestine. Not detected in lymphoid organs and brain (PubMed:10455175, PubMed:10681567). Expressed in platelets (at protein level) (PubMed:25082876).   |
| 浓度   | 1 mg/ml  |

**Nanjing BYabscience technology Co.,Ltd**



|        |   |
|--------|---|
| 储存     | -15°C to -25°C/1 year(Do not lower than -25°C)  |
| 有关注意事项 | Avoid repeated freezing and thawing!  |
| 使用建议   | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images

Nanjing BYabscience technology Co.,Ltd

网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658