


Product datasheet

Anti-Phospholipase A2 antibody ab104252

1 图像

概述

产品名称	Anti-Phospholipase A2抗体
描述	山羊多克隆抗体to Phospholipase A2
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Horse, Orangutan 
免疫原	Synthetic peptide: C-QEKTFRQQRKEHIR , corresponding to internal sequence amino acids 153-166 of Human Phospholipase A2 (NP_077734.1). Run BLAST with Run BLAST with
阳性对照	HeLa and NIH3T3 cell line lysates.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
纯度	Immunogen affinity purified
纯化说明	ab104252 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab104252** in the following tested applications.

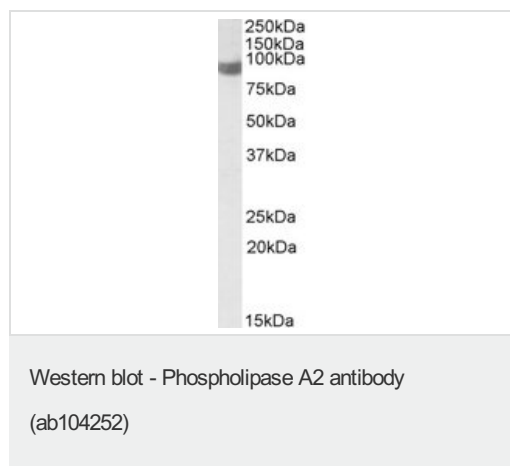
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 85 kDa.

靶标

功能	Selectively hydrolyzes arachidonyl phospholipids in the sn-2 position releasing arachidonic acid. Together with its lysophospholipid activity, it is implicated in the initiation of the inflammatory response.
组织特异性	Expressed in various tissues such as macrophages, platelets, neutrophils, fibroblasts and lung endothelium.
序列相似性	Contains 1 C2 domain. Contains 1 PLA2c domain.
结构域	The N-terminal C2 domain associates with lipid membranes upon calcium binding. It modulates enzyme activity by presenting the active site to its substrate in response to elevations of cytosolic Ca(2+).
翻译后修饰	Activated by phosphorylation at both Ser-505 and Ser-727.
细胞定位	Cytoplasm. Cytoplasmic vesicle. Translocates to membrane vesicles in a calcium-dependent fashion.

图片



Anti-Phospholipase A2 antibody (ab104252)
at 1 µg + HeLa cell lysate at 35 µg

Predicted band size: 85 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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