Product datasheet

Anti-PLA2G5 antibody ab97847

Overview

Product name: Anti-PLA2G5 antibody
Description: Rabbit polyclonal to PLA2G5
Host species: Rabbit
Tested applications: Suitable for: WB
Species reactivity: Reacts with: Human
Predicted to work with: Mouse, Rat, Rabbit, Cow, Cat, Dog
Immunogen: Synthetic peptide corresponding to Human PLA2G5 aa 1-50 (N terminal).
Sequence:
MKGLLPLAWFLACSVPAVQGLDLKSMIEKVTGKNA
LTNYGFCYCGW
Database link: NP_000920

Positive control: Fetal thymus lysate
General notes: This product was previously labelled as Secretory phospholipase A2 Type V

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: Preservative: 0.09% Sodium azide
Constituents: 2% Sucrose, PBS
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab97847 in the following tested applications.
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-arachidonoyl phosphatidylcholine, L-alpha-1-palmitoyl-2-arachidonoyl phosphatidylethanolamine, or L-alpha-1-stearoyl-2-arachidonoyl phosphatidylinositol. May be involved in the production of lung surfactant, the remodeling or regulation of cardiac muscle.

Heart, placenta and less abundantly, in lung.

Belongs to the phospholipase A2 family.

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

Secreted.

Western blot - Anti-PLA2G5 antibody (ab97847) at 1 µg/ml (in 5% skim milk / PBS buffer) + Human fetal thymus cell lysate at 10 µg

Secondary

HRP-conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 14 kDa

Gel concentration: 10-20%

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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