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Datasheet for ABIN1590159  
**anti-PLA2G7 antibody (AA 53-64)**

## Overview

Quantity:	100 µg
Target:	PLA2G7 (Lp-PLA2)
Binding Specificity:	AA 53-64
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA

## Product Details

Purpose:	PLA2G7 (aa53-64)
Sequence:	QTKIPRGNGP YS
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_005075.3, NP_001161829.1
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

## Target Details

Target:	PLA2G7 (Lp-PLA2)
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## Target Details

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Alternative Name:	PLA2G7 ( <a href="#">Lp-PLA2 Products</a> )
Background:	PLA2G7, phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma), LDL-PLA2, LP-PLA2, PAFAD, PAFAH, 1-alkyl-2-acetyl-glycerophosphocholine esterase, 2-acetyl-1-alkyl-glycerophosphocholine esterase, LDL-PLA(2), LDL-associated phospholi
Gene ID:	7941
NCBI Accession:	<a href="#">NP_005075</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a>

## Application Details

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Application Notes:	Western Blot: Preliminary experiments gave an approx 100 kDa band in Human Liver lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 50.1kD Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.