

PLA2G12B-Specific Polyclonal antibody

Catalog Number: **18812-1-AP**

Basic Information

Catalog Number:

18812-1-AP

Size:

390 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC143532

GeneID (NCBI):

84647

UNIPROT ID:

Q9BX93

Full Name:

phospholipase A2, group XIIIB

Calculated MW:

22 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse

Background Information

Phospholipase A2 (PLA2) enzymes catalyze hydrolysis of glycolipids to release free fatty acids and lysophospholipids. PLA2G12B is a secreted group XIIIB secretory phospholipase A2-like protein belonging to the PLA2 family, but it is catalytically inactive due to an amino acid change in its active site and has altered phospholipid-binding properties (PMID: 14516201). PLA2G12B is strongly expressed in liver, small intestine and kidney, and recently reports revealed that Pla2g12b gene may be implicated in HDL cholesterol levels and metabolism (PMID: 22912808).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

