

PLA2G2A antibody

Catalog No: #38223

Package Size: #38223-1 50ul #38223-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

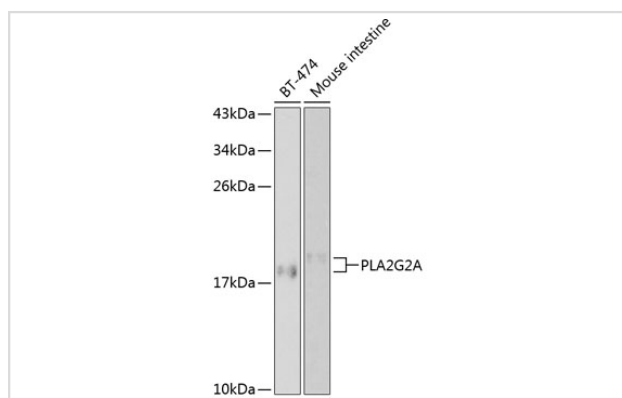
Description

Product Name	PLA2G2A antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous level of total PLA2G2A protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PLA2G2A.
Target Name	PLA2G2A
Other Names	MOM1; PLA2; PLA2B; PLA2L; PLA2S; PLAS1; sPLA2
Accession No.	Swiss-Prot#: P14555NCBI Gene ID: 5320
Uniprot	P14555
GeneID	5320;
SDS-PAGE MW	16kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using PLA2G2A at 1:1000 dilution.

Background

The protein encoded by this gene is a member of the phospholipase A2 family (PLA2). PLA2s constitute a diverse family of enzymes with respect to sequence, function, localization, and divalent cation requirements. This gene product belongs to group II, which contains secreted form of PLA2, an extracellular enzyme that has a low molecular mass and requires calcium ions for catalysis. It catalyzes the hydrolysis of the sn-2 fatty acid acyl ester bond of phosphoglycerides, releasing free fatty acids and lysophospholipids, and thought to participate in the regulation of the phospholipid metabolism in biomembranes. Several alternatively spliced transcript variants with different 5' UTRs have been found for this gene.[provided by RefSeq, Sep 2009]

Note: This product is for in vitro research use only