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## Datasheet for ABIN7465879 **anti-PLA2G12A antibody**

### Overview

Quantity:	100 µL
Target:	PLA2G12A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLA2G12A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Phospholipase A2 XIA. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	PLA2G12A
Alternative Name:	phospholipase A2 group XIA ( <a href="#">PLA2G12A Products</a> )
Background:	Phospholipase A2 group XIA , GXII , PLA2G12 , ROSSY,Secreted phospholipase A2 (sPLA2) enzymes liberate arachidonic acid from phospholipids for production of eicosanoids and exert a variety of physiologic and pathologic effects. Group XII sPLA2s, such as PLA2G12A, have

## Target Details

	relatively low specific activity and are structurally and functionally distinct from other sPLA2s (Gelb et al., 2000 [PubMed 11031251]).[supplied by OMIM]
Molecular Weight:	21 kDa
Gene ID:	81579
UniProt:	<a href="#">Q9BZM1</a>
Pathways:	<a href="#">Inositol Metabolic Process</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.84 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.