

Datasheet for ABIN927421

**anti-Phospholipase D2 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	Phospholipase D2 (PLD2)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phospholipase D2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	PLD2 antibody was raised in rabbit using the middle region of PLD2 as the immunogen
Cross-Reactivity:	Rat (Rattus), Cow (Bovine)
Purification:	Purified

## Target Details

Target:	Phospholipase D2 (PLD2)
Alternative Name:	PLD2 ( <a href="#">PLD2 Products</a> )
Background:	Phosphatidylcholine (PC)-specific phospholipases D (PLDs, EC 3.1.4.4) catalyze the hydrolysis of PC to produce phosphatidic acid and choline. Activation of PC-specific PLDs occurs as a consequence of agonist stimulation of both tyrosine kinase and G protein-coupled receptors. PC-specific PLDs have been proposed to function in regulated secretion, cytoskeletal

## Target Details

reorganization, transcriptional regulation, and cell cycle control. Synonyms: Polyclonal PLD2 antibody, Anti-PLD2 antibody, phospholipase D2 antibody.

### Pathways:

[RTK Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

### Application Notes:

WB: 0.2-1 µg/mL

Optimal conditions should be determined by the investigator.

### Comment:

PLD2 Blocking Peptide, catalog no. 33R-2047, is also available for use as a blocking control in assays to test for specificity of this PLD2 antibody

### Restrictions:

For Research Use only

## Handling

### Format:

Lyophilized

### Concentration:

Lot specific

### Buffer:

Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

### Handling Advice:

Avoid repeated freeze/thaw cycles.

### Storage:

4 °C/-20 °C

### Storage Comment:

Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

## Images



### Western Blotting

**Image 1.** PLD2 antibody used at 5 ug/ml to detect target protein.