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Datasheet for ABIN568389

anti-Phospholipase D antibody

Overview

Quantity:	10 mg
Target:	Phospholipase D (PLD)
Reactivity:	Cabbage
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phospholipase D antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunodiffusion (ID), Dot Blot (DB), Enzyme Immunoassay (EIA), Radioimmunoassay (RIA)

Product Details

Immunogen:	Phospholipase D isolated and purified from Cabbage. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography

Target Details

Target:	Phospholipase D (PLD)
Alternative Name:	Phospholipase D (PLD Products)
Background:	Phospholipase D (EC=3.1.4.4) is an enzyme involved in lipid degradation by hydrolyzing glycerol phospholipids. Involved in many cellular process including phytohormone action, membrane deterioration, senescence and more.Synonyms: Choline phosphatase 1, Choline phosphatase 2,

Target Details

	PLD-1, PLD-2, PLD1, PLD2, Phosphatidylcholine-hydrolyzing phospholipase D1, Phosphatidylcholine-hydrolyzing phospholipase D2, Phospholipase D alpha 1, Phospholipase D alpha 2
Gene ID:	3716
UniProt:	O82549
Pathways:	Response to Water Deprivation , ER-Nucleus Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore by adding 1.0 mL of sterile distilled water
Concentration:	10.0 mg/mL
Buffer:	PBS, pH 7.2 without preservatives and foreign proteins
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Prior to and following reconstitution store the antibody at 2-8 °C for one month or at -20 °C for longer.