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Datasheet for ABIN568390

anti-Phospholipase D antibody (Biotin)

Overview

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| Quantity: | 1 mL |
| Target: | Phospholipase D (PLD) |
| Reactivity: | Cabbage |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Phospholipase D antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunodiffusion (ID), Dot Blot (DB), Enzyme Immunoassay (EIA), Radioimmunoassay (RIA) |

Product Details

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| Immunogen: | Phospholipase D isolated and purified from Cabbage. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| Isotype: | IgG |
| Characteristics: | Molar Ratio: Biotin/IgG ~5.5 |
| Purification: | Ammonium Sulphate Precipitation and Ion Exchange Chromatography |

Target Details

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| 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 |

Target Details

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| | deterioration, senescence and more.Synonyms: Choline phosphatase 1, Choline phosphatase 2, 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

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

Handling

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| Format: | Liquid |
| 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. |