Datasheet for ABIN190753

# anti-PHLPP2 antibody (C-Term)

1 Image

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## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | PHLPP2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This PHLPP2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

## Product Details

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|---|---|
| Purpose: | PHLPP2 |
| Immunogen: | Peptide with sequence C-PHEEDRTEPPEEFD, from the C Terminus of the protein sequence according to NP_055835.2. |
| Sequence: | PHEEDRTEPP EEFD |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

## Target Details

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|---|---|
| Target: | PHLPP2 |
| Alternative Name: | PHLPPL (PHLPP2 Products) |
| Background: | PHLPP2, PHLPPL, PH domain and leucine rich repeat protein phosphatase-like , KIAA0931 |
| Gene ID: | 23035 |
| NCBI Accession: | NP_055835 |
| Pathways: | PI3K-Akt Signaling, Fc-epsilon Receptor Signaling Pathway |

## Application Details

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|---|---|
| Application Notes: | Western Blot: Approx 140 kDa band observed in Human Brain (Amygdala, Hippocampus, Substantia Nigra) lysates (calculated MW of 134 kDa according to NP_055835.2).<br>Recommended concentration: 0.1-0.3 µg/mL.<br>Peptide ELISA: antibody detection limit dilution 1:32000. |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |


**Image 1.** ABIN190753 (0.1µg/ml) staining of Human Brain (Amygdala, Hippocampus, Substantia Nigra) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.