



Rabbit Anti-Arabidopsis thaliana 5PTase1 Polyclonal Antibody (CABT-Z565R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|---------------------------|---|
| Immunogen | KLH-conjugated synthetic peptide of At5PTase1 derived from Arabidopsis thaliana AT1G34120. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Arabidopsis thaliana |
| Purification | Unpurified |
| Conjugate | Unconjugated |
| Applications | WB Recommended dilution: WB: 1:1000-1:2000 |
| Molecular Weight | 67 kDa |
| Reconstitution | Reconstitution with 150 µl of sterile water. |
| Format | Lyophilized |
| Size | 150 µg |
| Preservative | None |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution. |

BACKGROUND

Introduction

At5PTase1 is an inositol polyphosphate 5-phosphatase that appears to have Type I activity. It can dephosphorylate IP3(inositol(1,4,5)P3) and IP4 (inositol(1,3,4,5)P4), but it does not act on I(1)P, I(1,4)P2, or phosphatidylinositol(4,5)P2.

Keywords

5PTase1;IP5PI;AT5P1;ATIP5PI;INOSITOL POLYPHOSPHATE 5-PHOSPHATASE I;MYO-INOSITOL POLYPHOSPHATE 5-PHOSPHATASE 1.

GENE INFORMATION

Gene Name

IP5P1

Entrez Gene ID[840311](#)**UniProt ID**[Q84MA2](#)
