



Rabbit Anti-Arabidopsis thaliana AGB1 Polyclonal Antibody (CABT-Z583R)

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

PRODUCT INFORMATION

| | |
|---------------------------|---|
| Immunogen | KLH-conjugated synthetic peptide of AGB1 derived from Arabidopsis thaliana AT4G34460. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Arabidopsis thaliana |
| Purification | Unpurified |
| Conjugate | Unconjugated |
| Applications | WB Recommended dilution: WB: 1:1000-1:2000 |
| Molecular Weight | 41 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. |
| Ship | Wet ice |

BACKGROUND

Introduction

AGB1 is the heterotrimeric G-protein beta subunit and is involved in organ shape. A significant fraction of the protein is found in the ER. The predicted protein has two DWD motifs. It can bind to DDB1a in Y2H assays and may be involved in the formation of a CUL4-based E3 ubiquitin ligase. It seems to be involved in the calcium-mediated response to extracellular ATP.

Keywords

AGB1;ATAGB1;ELK4;ERECTA-LIKE 4;GTP BINDING PROTEIN BETA 1.

GENE INFORMATION

Gene Name

GB1

Entrez Gene ID

[829597](#)

UniProt ID

[P49177](#)