



Rabbit Anti-Arabidopsis thaliana GPA1 Polyclonal Antibody (CABT-Z1069R)

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

PRODUCT INFORMATION

receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after	Immunogen	KLH-conjugated synthetic peptide of GPA1 derived from Arabidopsis thaliana AT2G26300.
Species Reactivity Arabidopsis thaliana Purification Unpurified Conjugate Unconjugated Applications WB Recommended dilution: WB: 1:1000-1:2000 Molecular Weight 45 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	Isotype	IgG
Purification Unpurified Conjugate Unconjugated Applications WB Recommended dilution: WB: 1:1000-1:2000 Molecular Weight 45 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	Source/Host	Rabbit
Conjugate Unconjugated Applications WB Recommended dilution: WB: 1:1000-1:2000 Molecular Weight 45 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	Species Reactivity	Arabidopsis thaliana
Applications WB Recommended dilution: WB: 1:1000-1:2000 Molecular Weight 45 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	Purification	Unpurified
Recommended dilution: WB: 1:1000-1:2000 Molecular Weight 45 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	Conjugate	Unconjugated
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	Applications	Recommended dilution:
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	Molecular Weight	45 kDa
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	Reconstitution with 150 μ l of sterile water.
Preservative None 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	Format	Lyophilized
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	Size	150 μg
receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after	Preservative	None
reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution.	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	Ship	Wet ice

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BACKGROUND

Introduction	GPA1 protein is an alpha subunit of a heterotrimeric GTP-binding protein. The α and β subunits of the Arabidopsis heterotrimeric G protein act both synergistically and separately in activating different intracellular ROS-generating systems.
Keywords	GPA1;G α ;ARABIDOPSIS THALIANA G PROTEIN ALPHA SUBUNIT 1;ATGPA1;G PROTEIN ALPHA SUBUNIT 1;GP ALPHA 1;GPA1.

GENE INFORMATION

Gene Name	GPA1
Entrez Gene ID	817170
UniProt ID	<u>P18064</u>