



Rabbit anti-Arabidopsis thaliana SGT1 (C-term) Polyclonal Antibody (CABT-Z137R)

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

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing C-terminal region of arabidopsis thaliana SGT1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
Molecular Weight	51 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing C-terminal region of arabidopsis thaliana SGT1 (At2g43820).
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN ₃ .
Preservative	0.01% NaN ₃

Storage	Store at -20°C. Stable for 6 months from date of receipt.
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Ship	Wet ice
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BACKGROUND

Introduction	SGT1 (Salicylic acid glucosyltransferase 1) is a glycosyltransferase that glucosylates benzoic acid and derivatives. Substrate preference is benzoic acid> salicylic acid (SA)> 3-hydroxybenzoic acid> 4-hydroxybenzoic acid. SGT1 catalyzes the formation of both SA 2-O-beta-D-glucoside (SAG) and SA glucose ester (SGE), and has high affinity for the tryptophan precursor anthranilate. SGT1 catalyzes the formation of anthranilate glucose ester and is the major source of this activity in the plant.
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Keywords	UDP-glycosyltransferase 74F2;UGT74F2;AtSGT1;GT;SAGT1;At2g43820;Salicylic acid glucosyltransferase 1
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GENE INFORMATION

Gene Name	UGT74F2
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Entrez Gene ID	818986
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UniProt ID	O22822
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