

Anti-GDH1/2/3 Antibody

Catalog # AP54163

Product Information

Application	WB
Primary Accession	P25855
Other Accession	Q82179 , Q9LQL0
Reactivity	Arabidopsis thaliana
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17947

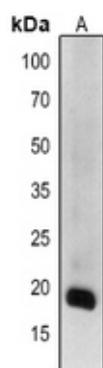
Additional Information

Gene ID	818104
Other Names	GCDH; GDCH; GDCSH; Glycine cleavage system H protein 1 mitochondrial; Glycine cleavage system H protein 2 mitochondrial; Glycine cleavage system H protein 3 mitochondrial
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of arabidopsis thaliana GDH1/2/3. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/2000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GDH1
Synonyms	GCDH, GDCH, GDCSH
Function	The glycine decarboxylase (GDC) or glycine cleavage system catalyzes the degradation of glycine. The H protein shuttles the methylamine group of glycine from the P protein to the T protein.
Cellular Location	Mitochondrion.
Tissue Location	Highly expressed in leaves, lower expression in green veins, petioles, and stems, and detected in roots

Images



Western blot analysis of GDH1/2/3 expression in *arabidopsis thaliana* (A) whole cell lysates. (Predicted band size: 17 kD; Observed band size: 18 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.