

ARG67170
anti-HPR antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HPR
Tested Reactivity	Arabi
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HPR
Species	Plant
Immunogen	Synthetic peptide corresponding to N-terminus of arabidopsis thaliana HPR protein.
Conjugation	Un-conjugated
Alternate Names	Glycerate dehydrogenase HPR peroxisomal; GDH; NADH-dependent hydroxypyruvate reductase 1; AtHPR1; HPR 1

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	42 kDa	

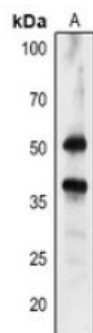
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HPR
Gene Full Name	hydroxypyruvate reductase
Background	Encodes hydroxypyruvate reductase.
Function	Catalyzes the NADH-dependent reduction of hydroxypyruvate into glycerate in the photorespiratory core cycle. [UniProt] Mediates fatty acid beta-oxidation in germinating seeds when malate dehydrogenase is absent. [UniProt]
Calculated Mw	42 kDa
Cellular Localization	Peroxisome. [UniProt]

Images



ARG67170 anti-HPR antibody WB image

Western blot: *Arabidopsis thaliana* stained with ARG67170 anti-HPR antibody.