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Datasheet for ABIN1720876

anti-ARC5 antibody



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Overview		
Quantity:	50 μg	
Target:	ARC5	
Reactivity:	Arabidopsis thaliana	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ARC5 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	KLH-conjugated synthetic peptide derived from internal domain of Dynamin-like protein ARC5	
	from Arabidopsis thaliana Uniprot: Q84N64,TAIR: AT3G19720	
Isotype:	IgG	
Specificity:	TAIR: At3g19720	
Predicted Reactivity:	Arabidopsis thaliana	
Characteristics:	Expected / apparent Molecular Weight of the Antigene: 87 kDa	
Purification:	Protein A purified	
Purity:	total	
Target Details		
Target:	ARC5	

Target Details

rarget Details			
Background:	ARC5 (Dynamin-like protein ARC5) is a probable GTPase component of both plastid and peroxisme division machinery. Required for the last steps of plastid division specifically in mesophyll-cell, when the narrow isthmus breaks, facilitating the separation of the daughter plastids. Necessary for peroxisome activities. Seems to influence stromule (stroma-filled tubular extensions of the plastid envelope membrane) length and frequency. Alternative names: Dynamin-related protein 5B Protein ACCUMULATION AND REPLICATION OF CHLOROPLASTS 5		
Molecular Weight:	87 kDa		
Application Details			
Application Notes:	1 1:500 - 1:5 000 (WB)		
Comment:	Antibody format is a total IgG (purified on Protein A).		
Restrictions:	For Research Use only		
Handling			
Format:	Lyophilized		
Reconstitution:	For reconstitution add 50 µL of sterile water.		
Buffer:	Tris 0,1 M, glycine 0,1 M, sucrose 2 %		
Handling Advice:	Once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.		
Storage:	-20 °C		
Storage Comment:	store lyophilized/reconstituted at -20°C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Shelf life upon re-constitution is 6 months. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes. Store reconstituted antibodies at 4°C or in -20° for extrended periods of time. Lyophilized powder is stable for a minimum of 2 years at -20°C.		