

Anti-Rubisco Antibody (5W652)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Arabidopsis Thaliana,Rice
Molecular Weight:	Theoretical: 52 kDa.
Clone:	5W652
Purification:	Protein G purified

Applications

Verified Activity:	1. Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1: 2000
	Primary ab incubation condition: room temperature 2 h
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
	Lysate: Rice
	Protein loading quantity: 0.008 µg
	Exposure time: 10 s
	Predicted MW: 55 kDa
	Observed MW: 55 kDa
	2. Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1: 2000
	Primary ab incubation condition: room temperature 2 h
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
	Lysate: Arabidopsis thaliana
Protein loading quantity: 5 µg	
Exposure time: 10 s	
Predicted MW: 55 kDa	
Observed MW: 55 kDa	
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID: 2715621

Research Background

RuBisCO catalyzes two reactions: the carboxylation of D-ribulose 1,5-bisphosphate, the primary event in carbon dioxide fixation, as well as the oxidative fragmentation of the pentose substrate in the photorespiration process. Both reactions occur simultaneously and in competition at the same active site.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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