

Anti-CYP38 Antibody

Catalog # AP54159

Product Information

Application	WB
Primary Accession	Q9SSA5
Reactivity	Arabidopsis thaliana
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47982

Additional Information

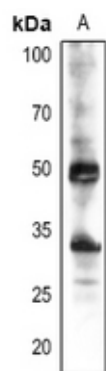
Gene ID	821137
Other Names	Peptidyl-prolyl cis-trans isomerase CYP38 chloroplastic; PPIase CYP38; Rotamase CYP38; Thylakoid lumen PPIase
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of arabidopsis thaliana CYP38. The exact sequence is proprietary.
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	CYP38
Function	Required for the assembly and stabilization of PSII, but has no PPIases activity.
Cellular Location	Plastid, chloroplast thylakoid lumen
Tissue Location	Ubiquitous. Lower levels of expression in roots.

Images

Western blot analysis of CYP38 expression in arabidopsis thaliana (A) whole cell lysates. (Predicted band size: 47;



39 kD; Observed band size: 47 kD)

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