

Anti-PAP1 Antibody

Catalog # AP54168

Product Information

Application	WB
Primary Accession	O81439
Reactivity	Arabidopsis thaliana
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34948

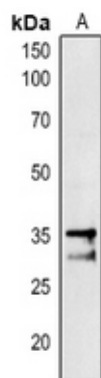
Additional Information

Gene ID	825714
Other Names	FBN1a; FIB1a; PGL35; Probable plastid-lipid-associated protein 1 chloroplastic; AtPap1; Fibrillin-1a; Plastoglobulin 35; AtPGL35
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of arabidopsis thaliana PAP1. 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	PAP1
Synonyms	FBN1a, FIB1a, PGL35
Function	Probably involved in light/cold stress-related jasmonate (JA) biosynthesis. Contributes to the protection of photosystem II (PSII) against light stress.
Cellular Location	Plastid, chloroplast, plastoglobule. Plastid, chloroplast thylakoid Note=Located in the elaioplast, a tapetum-specific plastidial lipid organelle
Tissue Location	Expressed in flower buds. Detected in tapetal cells, endothecium and connective in anthers and in subepidermal cells in filaments.

Images



Western blot analysis of PAP1 expression in Arabidopsis thaliana (A) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 35 kD)

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