



Anti-PSAG polyclonal antibody (CABT-BL3039)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Psag protein of the chloroplast photosystem I
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana, Tobacco
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Plastid, chloroplast thylakoid membrane; Multipass membrane protein.
Format	Liquid
Buffer	Preservative: 0.01% Sodium Azide
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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	Encodes subunit G of photosystem I, an 11-kDa membrane protein that plays an important role in electron transport between plastocyanin and PSI and is involved in the stability of the PSI complex. PSI-G subunit is bound to PSI-B and is in contact with Lhca1. The protein inserts into thylakoids by a direct or "spontaneous" pathway that does not involve the activities of any known chloroplast protein-targeting machinery. PSI-G appears to be directly or indirectly involved in the interaction between Photosystem I and plastocyanin.
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GENE INFORMATION

Entrez Gene ID [842016](#)

Protein Refseq [NP_175963](#)

UniProt ID [Q9S7N7](#)
