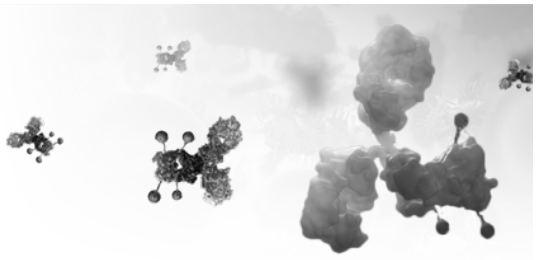

Rabbit anti-Arabidopsis thaliana TIC214 (C-term) Polyclonal Antibody (CABT-Z143R)

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

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana TIC214.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1,000-1:3,000 (detect endogenous protein*)
Molecular Weight	214 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana TIC214 (AtCg01130).
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN3.
Preservative	0.01% NaN3

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Storage	Store at -20°C. Stable for 6 months from date of receipt.
Ship	Wet ice

BACKGROUND

Introduction	Chloroplasts require protein translocons at the outer and inner envelope membranes (named as TOC and TIC, respectively) to import thousands of cytoplasmically synthesized preproteins. TIC214 is a 214kD protein encoded by the previously enigmatic chloroplast gene ycf1 (hypothetical chloroplast open reading frame 1). Tic214 is predicted to contain six N-terminal transmembrane domains. Recent studies suggest that Tic214 is an essential component of the protein translocon at the chloroplast inner envelope membrane.
Keywords	YCF1.2;Putative membrane protein ycf1;ycf1-B;TRANSLOCON AT THE INNER ENVELOPE MEMBRANE OF CHLOROPLASTS 214

GENE INFORMATION

Gene Name	TIC214
Entrez Gene ID	4386139
UniProt ID	P56785

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