

PACO35906

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## Product Information

**Size:**

50ug

**Reactivity:**

Arabidopsis thaliana

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:**

**Protein Background:**

Involved in carotenoid biosynthesis. Catalyzes the double cyclization reaction which converts lycopene to beta-carotene and neurosporene to beta-zeaxanthin. Major lycopene beta-cyclase that does not seem to be involved in neoxanthin synthesis. Involved in salt tolerance improvement by increasing synthesis of carotenoids, which impairs reactive oxygen species (ROS) and protects the photosynthetic system under salt stress.

**Gene ID:**

LCY1

**Uniprot**

Q38933

**Synonyms:**

Lycopene beta cyclase, chloroplastic (EC 5.5.1.19) (AtLCY) (Protein SUPPRESSOR OF ZEAXANTHIN-LESS 1), LCY1, LCYB LYC SZL1

**Immunogen:**

Recombinant Arabidopsis thaliana Lycopene &beta; cyclase, chloroplastic protein (81-501AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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N/A

N/A