

## Product Information

**Size:**

50ul

**Reactivity:**

Arabidopsis thaliana

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:2000

**Protein Background:**

Catalyzes the formation of the isocyclic ring in chlorophyll biosynthesis. Mediates the cyclase reaction, which results in the formation of divinylprotochlorophyllide (Pchl<sub>id</sub>) characteristic of all chlorophylls from magnesium-protoporphyrin IX 13-monomethyl ester (MgPMME).

**Gene ID:**

CRD1

**Uniprot**

Q9M591

**Synonyms:**

Magnesium-protoporphyrin IX monomethyl ester [oxidative] cyclase, chloroplastic (Mg-protoporphyrin IX monomethyl ester oxidative cyclase) (EC 1.14.13.81) (Copper response defect 1 protein) (Dicarboxylate diiron protein) (AtZIP) (MPE-cyclase), CRD1, ACSF AT103 CHL27 ZIP

**Immunogen:**

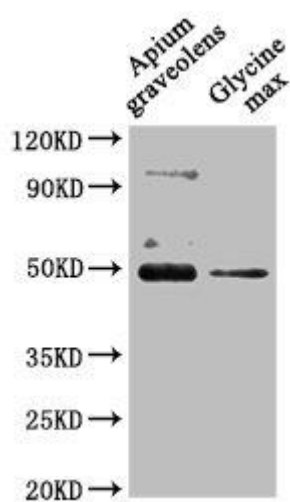
Recombinant Arabidopsis thaliana Magnesium-protoporphyrin IX monomethyl ester [oxidative] cyclase, chloroplastic protein (37-409AA).

**Storage:**

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

## Product Images

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Western Blot. Positive WB detected in: Apium graveolens leaf tissue, Glycine max leaf tissue. All lanes: CRD1 antibody at 1:1000. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 48 kDa. Observed band size: 48 kDa.