

PACO62047

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 cyanide-resistant oxidation of ubiquinol and the reduction of molecular oxygen to water, but does not translocate protons and consequently is not linked to oxidative phosphorylation. Increases respiration when the cytochrome respiratory pathway is restricted, or in response to low temperatures.

Gene ID:

AOX1A

Uniprot

Q39219

Synonyms:

Ubiquinol oxidase 1a, mitochondrial (EC 1.10.3.11) (Alternative oxidase 1a), AOX1A, AOX1 HSR3

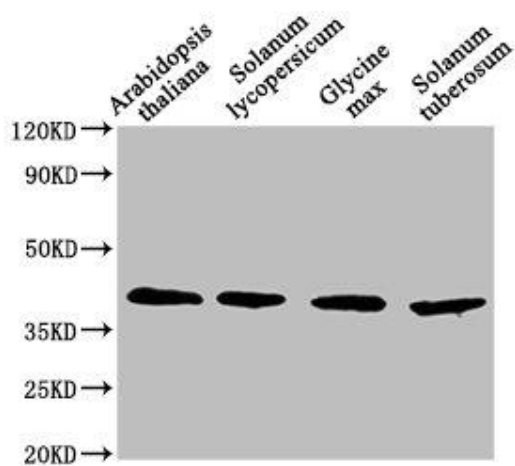
Immunogen:

Recombinant Arabidopsis thaliana Ubiquinol oxidase 1a, mitochondrial protein (63-178AA).

Storage:

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

Product Images



Western Blot. Positive WB detected in: *Arabidopsis thaliana* leaf tissue, *Solanum lycopersicum* leaf tissue, *Glycine max* leaf tissue, *Solanum tuberosum* leaf tissue. All lanes: AOX1A antibody at 1:1500. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 40 kDa. Observed band size: 40 kDa.