

PACO62091

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:

Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. The channel adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation-selective. Involved in plant development at reproductive stage, is important for pollen development and may regulate hydrogen peroxide generation during disease resistance.

Gene ID:

VDAC1

Uniprot

Q9SRH5

Synonyms:

Mitochondrial outer membrane protein porin 1 (Voltage-dependent anion-selective channel protein 1) (AtVDAC1) (VDAC-1), VDAC1

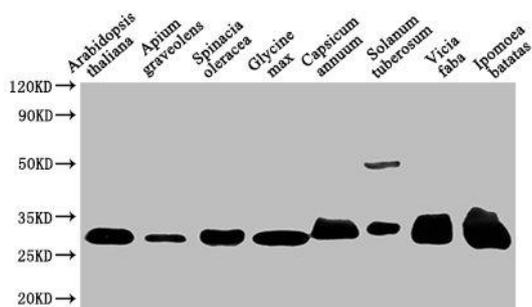
Immunogen:

Recombinant Arabidopsis thaliana Mitochondrial outer membrane protein porin 1 protein (2-276AA).

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, Apium graveolens leaf tissue, Spinacia oleracea leaf tissue, Glycine max leaf tissue, Capsicum annum leaf tissue, Solanum tuberosum leaf tissue, Vicia faba leaf tissue, Ipomoea batatas leaf tissue. All lanes: VDAC1 antibody at 1:1000. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 30 kDa. Observed band size: 30 kDa.