

Anti-VOLTAGE DEPENDENT ANION CHANNEL 3, N-terminal antibody

Catalog: PHY0698A

Product Information

| | Description: | Rabbit polyclonal antibody |
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| | Background: | VDAC3 is a member of voltage-dependent anion channel (VDAC: |
| | | AT3G01280/VDAC1, AT5G67500/VDAC2, AT5G15090/VDAC3, |
| | | AT5G57490/VDAC4, AT5G15090/VDAC5). VDACs are reported to be |
| | | porin-type, beta-barrel diffusion pores. They are prominently localized in the |
| | | outer mitochondrial membrane and are involved in metabolite exchange |
| | | between the organelle and the cytosol. |
| | Synonyms: | VDAC3, ARABIDOPSIS THALIANA VOLTAGE DEPENDENT ANION |
| | | CHANNEL 3, ATVDAC-3, ATVDAC3, VOLTAGE DEPENDENT ANION |
| | | CHANNEL 3 |
| | Immunogen: | KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from |
| | | Arabidopsis thaliana VDAC3 (AT5G15090). |
| | Form: | Lyophilized |
| | Quantity: | 150 µg |
| | Purification: | Immunogen affinity purified |
| | Reconstitution: | Reconstitution with 150 μ l of 0.01M sterile PBS. |
| | | "Note: please spin tube briefly prior to opening it to avoid any losses that might |
| | | occur from lyophilized material adhering to the cap or sides of the tube". |
| | Stability & Storage: | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |
| | | 12 months from date of receipt, -20 to -70°C as supplied. |
| | | 6 months, -20 to -70°C under sterile conditions after reconstitution. |
| | | 1 month, 2 to 8°C under sterile conditions after reconstitution. |
| | Shipping: | The product is shipped at 4° C. Upon receipt, store it immediately at the |
| | | temperature recommended above. |
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Application Information

| Recommended Dilution: | Western Blot (1:1000-1:2000) |
|------------------------------|--|
| | Note: Optimal dilutions/concentrations should be determined by the |
| | end user. |



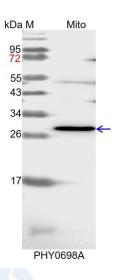
Expected / apparent MW: Confirmed Reactivity: Predicted Reactivity: 29 kDa

Arabidopsis thaliana

support at tech@phytoab.com.

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica napus, Brassica rapa*. For more species homologues information, please contact tech

Application Example



Mito: 10 µg mitochondria protein from *Arabidopsis thaliana*. **Electrophoresis:** 15% SDS-PAGE. **Transfer:** blotting to NC (nitrocellulose) membrane for 1h. **Blocking:** 5% skim milk at RT or 4°C for 1h. **Primary antibody:** 1:2000 dilution overnight at 4°C. **Secondary antibody:** 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000). **Detection:** using chemiluminescence substrate and image were captured with CCD camera.

Research Use Only