

Product no **AS07 212-ALP****Anti-VDAC1-5 | Voltage-dependent anion-selective channel protein 1-5, ALP-conjugated (40 µg)****Product information**

<b>Immunogen</b>	KLH-conjugated peptide conserved in all known higher plant VDAC proteins including <i>Arabidopsis thaliana</i> VDAC1 UniProt: <a href="#">Q9SRH5</a> , TAIR: <a href="#">AT3G01280</a> , VDAC2 UniProt <a href="#">F4K3R8-1</a> , TAIR: <a href="#">AT5G67500</a> , VDAC3 UniProt: <a href="#">Q9SMX3-1</a> , TAIR: <a href="#">AT5G15090</a> , VDAC4 UniProt: <a href="#">Q9FKM2-1</a> , TAIR: <a href="#">AT5G57490</a> , VDAC5 UniProt: <a href="#">Q9M2W6-1</a> , TAIR: <a href="#">AT3G49920</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4, conjugated to ALP.
<b>Format</b>	Liquid
<b>Quantity</b>	40 µg
<b>Storage</b>	Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.

**Additional information** Cellular [compartment marker] of mitochondrial outer membrane

**Application information**

<b>Recommended dilution</b>	1 : 500 (IL), 1 : 5000, 2-30 µg protein/lane (WB)
<b>Expected   apparent MW</b>	29 kDa (for <i>Arabidopsis thaliana</i> )
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Beta vulgaris</i> , <i>Brassica oleracea</i> var. botrytis, <i>Oryza sativa</i> , <i>Papaver</i> sp. pollen tubes (IL), <i>Spinacia oleracea</i> , <i>Physcomitrium patens</i>
<b>Predicted reactivity</b>	<i>Arabidopsis alpina</i> , <i>Aundo donax</i> , <i>Brachypodium distachyon</i> , <i>Brassica campestris</i> , <i>Brassica napus</i> , <i>Brassica rapa</i> subsp. <i>pekinensis</i> , <i>Capsella rubella</i> , <i>Citrus clementina</i> , <i>Citrus sinensis</i> , <i>Eutrema salsugineum</i> , <i>Glycine max</i> , <i>Glycine soja</i> , <i>Gossypium arboreum</i> , <i>Hoedum vulgare</i> var. <i>distichum</i> , <i>Jatropha curcas</i> , <i>Medicago truncatula</i> , <i>Mesembryanthemum crystallinum</i> , <i>Morus notabilis</i> , <i>Nicotiana tabacum</i> , <i>Phaseolus coccineus</i> , <i>Phaseolus vulgaris</i> , <i>Pisum sativum</i> , <i>Plantago major</i> , <i>Prunus persica</i> , <i>Ricinus communis</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Sorghum bicolor</i> , <i>Theobroma cacao</i> , <i>Triticum aestivum</i> , <i>Vitis vinifera</i> , <i>Zea mays</i>
	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	<i>Chlamydomonas reinhardtii</i> , <i>Glycine max</i> , <i>Zea mays</i> , diatoms, <i>Saccharomyces cerevisiae</i>
<b>Additional information</b>	Amount of mitochondrial fraction detected by anti-VDAC1 antibody was from 2-10 µg. Immunolocalization method description and images are available <a href="#">here</a> Blue-native (2D BN/SDS-PAGE) methodology is described in Piechota et al. 2010