

Product no **AS07 212-DL594**

VDAC1-5 | Voltage-dependent anion-selective channel protein 1-5, DyLight® 594 conjugated (40 µg)

Product information

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| Immunogen | KLH-conjugated peptide conserved in all known higher plant VDAC proteins including <i>Arabidopsis thaliana</i> VDAC1 UniProt: Q9SRH5 , TAIR: AT3G01280 , VDAC2 UniProt: F4K3R8-1 , TAIR: AT5G67500 , VDAC3 UniProt: Q9SMX3-1 , TAIR: AT5G15090 , VDAC4 UniProt: Q9FKM2-1 , TAIR: AT5G57490 , VDAC5 UniProt: Q9M2W6-1 , TAIR: AT3G49920 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Immunogen affinity purified serum, in PBS pH 7.4, conjugated to DyLight® 594. |
| Format | Liquid in PBS pH 7.4. |
| Quantity | 40 µg |
| Storage | Store at 4°C for 12-18 months, A preservative may be added for long time storage up to 2 years. Shortly spin the tube before use. |
| Additional information | Cellular [compartment marker] of mitochondrial outer membrane. DyLight® 594 has Amax = 593 nm, Emax = 618 nm. DyLight® is a registered trademark of ThermoFisher Inc., and its subsidiaries. |

Application information

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| Recommended dilution | To be determined by end user |
| Expected apparent MW | 29 kDa (for <i>Arabidopsis thaliana</i>) |
| Confirmed reactivity | <i>Arabidopsis thaliana</i> , <i>Beta vulgaris</i> , <i>Brassica oleracea</i> var. botrytis, <i>Brassica rapa</i> subsp. <i>rapa</i> , <i>Citrus sinensis</i> , <i>Fortunella margarita</i> Swingle, <i>Oryza sativa</i> , <i>Papaver</i> sp. pollen tubes (IL), <i>Spinacia oleracea</i> , <i>Physcomitrium patens</i> , <i>Zea mays</i> |
| Predicted reactivity | <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>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> Species of your interest not listed? Contact us |
| Not reactive in | <i>Chlamydomonas reinhardtii</i> , <i>Glycine max</i> , <i>Zea mays</i> , diatoms, <i>Saccharomyces cerevisiae</i> |
| Selected references | To be added when available. Antibody released in May 2023. |