

Product no **AS07 212-DL650**

## Anti-VDAC1-5 | Voltage-dependent anion-selective channel protein 1-5, DyLight® 650 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 DyLight® 650.  |
| <b>Format</b>                 | Liquid in PBS pH 7.4.  |
| <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. Shortly, spin the tube before use.  |
| <b>Additional information</b> | Cellular [compartment marker] of mitochondrial outer membrane.<br><br>DyLight® 650 has Amax = 652 nm, Emax = 672 nm. DyLight® is a registered trademark of ThermoFisher Inc., and its subsidiaries.  |

### Application information

|                               |   |
|-------------------------------|---|
| <b>Recommended dilution</b>   | To be determined by end user  |
| <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>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>   |
| <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>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><br><br>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>Selected references</b>    | To be added when available. Antibody released in May 2023.  |