

Product no **AS09 487-DL488****PIP (PIP1;1, PIP1;2, PIP1;3, PIP1;4, PIP1;5) aquaporins, DyLight® 488 conjugated (40 µg)****Product information**

<b>Immunogen</b>	KLH-conjugated synthetic peptide conserved in <i>Arabidopsis thaliana</i> : PIP1;1 UniProt: <a href="#">P61837</a> , <a href="#">At3g61430</a> PIP1;2 UniProt: <a href="#">Q06611</a> , TAIR: <a href="#">At2g45960</a> PIP1;3 UniProt: <a href="#">Q08733</a> , TAIR: <a href="#">At1g01620</a> , PIP1;4 UniProt: <a href="#">Q39196</a> , TAIR: <a href="#">At4g00430</a> , PIP1;5 UniProt: <a href="#">Q8LAA6</a> TAIR: <a href="#">At4g23400</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum, in PBS pH 7.4, conjugated to DyLight® 488.
<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. Spin briefly the tube before use.

<b>Additional information</b>	Antibodies will detect target protein in a few µg of a crude preparation loaded per well. If purified preparations of vacuolar and plasma membranes are used, one µg load per well should be sufficient.  DyLight® 488 Amax = 493 nm, Emax = 519 nm. DyLight® is a registered trademark of ThermoFisher Inc., and its subsidiaries.
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**Application information**

<b>Recommended dilution</b>	To be determined by end user.
<b>Expected   apparent MW</b>	30,68   28 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Brassica sp.</i> , <i>Jatropha curcas L, cv, Biji Jarak</i> , <i>Mesembryanthemum crystallinum</i> , <i>Populus nigra</i> , <i>Populus trichocarpa</i> , <i>Raphanus sativus</i> , <i>Thellungiella salsauginea</i>
<b>Predicted reactivity</b>	<i>Brassica sp.</i> , <i>Hordeum vulgare</i> , <i>Juglans regia</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Populus tremula</i> , <i>Triticum aestivum</i> , <i>Vicia faba</i>  Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known.
<b>Additional information</b>	Protein or membrane sample should be treated at 70°C for 10 min before loading on the gel.
<b>Selected references</b>	To be added when available. Antibody released in May 2023.