

Product no **AS09 487B****Anti-PIP (PIP1;1, PIP1;2, PIP1;3, PIP1;4, PIP1;5) aquaporins, Biotin-conjugated (40 µg)****Product information**

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| Immunogen | KLH-conjugated synthetic peptide conserved in <i>Arabidopsis thaliana</i> : PIP1;1 P61837 , At3g61430 PIP1;2 Q06611 , At2g45960 PIP1;3 Q08733 , At1g01620 , PIP1;4 Q39196 , At4g00430 , PIP1;5 Q8LAA6 At4g23400 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Immunogen affinity purified serum in PBS pH 7.4, conjugated to biotin. |
| Format | Liquid |
| 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. |

Additional information 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

Application information

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| Recommended dilution | 1 : 1000 (WB) |
| Expected apparent MW | 30.68 28 kDa |
| Confirmed reactivity | <i>Arabidopsis thaliana</i> , <i>Brassica sp.</i> , <i>Jatropha curcas</i> L. cv. Biji Jarak , <i>Mesembryanthemum crystallinum</i> , <i>Populus nigra</i> , <i>Populus trichocarpa</i> , <i>Raphanus sativus</i> , <i>Thellungiella salsuginea</i> |
| Predicted reactivity | <i>Brassica sp.</i> , <i>Hordeum vulgare</i> , <i>Juglans regia</i> , <i>Oryza sativa</i> , <i>Populus tremula</i> , <i>Triticum aestivum</i> , <i>Vicia faba</i> Species of your interest not listed? Contact us |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Additional information | Protein or membrane sample should be treated at 70°C for 10 min before loading on the gel. |