

Product no **AS09 487-HRP**

**Anti-PIP (PIP1;1, PIP1;2, PIP1;3, PIP1;4, PIP1;5) aquaporins, HRP-conjugated (40 µg)**

**Product information**

|                  |   |
|------------------|---|
| <b>Immunogen</b> | KLH-conjugated synthetic peptide conserved in <i>Arabidopsis thaliana</i> : PIP1;1 <a href="#">P61837</a> , <a href="#">At3g61430</a> PIP1;2 <a href="#">Q06611</a> , <a href="#">At2g45960</a> PIP1;3 <a href="#">Q08733</a> , <a href="#">At1g01620</a> , PIP1;4 <a href="#">Q39196</a> , <a href="#">At4g00430</a> , PIP1;5 <a href="#">Q8LAA6</a> <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 HRP.   |
| <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** 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**

|                               |   |
|-------------------------------|---|
| <b>Recommended dilution</b>   | 1 : 1000 (WB)   |
| <b>Expected   apparent MW</b> | 30.68   28 kDa  |
| <b>Confirmed reactivity</b>   | <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>Theilungiella salsuginea</i> |
| <b>Predicted reactivity</b>   | <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><br>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.  |