

This product is **for research use only** (not for diagnostic or therapeutic use)

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PIP (PIP1;1, PIP1;2, PIP1;3, PIP1;4, PIP1;5) aquaporins, DyLight® 650 conjugated (40 µg)

Qty: AS09 487-DL650

AS09 487-DL650 | Clonality: Polyclonal | Host: Rabbit | Reactivity: *A. thaliana, J. curcas, P. nigra, P. trichocarpa, R. sativus*

Price: 490 €

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- Product Info
- Immunogen: KLH-conjugated synthetic peptide conserved in *Arabidopsis thaliana*: PIP1;1 UniProt: [P61837](#), At3g61430 PIP1;2 UniProt: [Q06611](#), TAIR: At2g45960 PIP1;3 UniProt: [Q08733](#), TAIR: At1g01620 , PIP1;4 UniProt: [Q39196](#), TAIR: At4g00430, PIP1;5 UniProt: [Q8LAA6](#) TAIR:At4g23400
- Host: Rabbit
- Clonality: Polyclonal
- Purity: Immunogen affinity purified serum, in PBS pH 7.4, conjugated to DyLight® 650.
- 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.
Spin briefly the tube before use.
- Tested applications: Immunofluorescence (IF), Western blot (WB)
- Recommended dilution: To be determined by end user.
- Expected | apparent MW: 30,68 | 28 kDa
- Reactivity
 - Confirmed reactivity: *Arabidopsis thaliana, Brassica sp., Jatropha curcas L, cv, Biji Jarak , Mesembryanthemum crystallinum, Populus nigra, Populus trichocarpa, Raphanus sativus, Thellungiella salsuginea*
Brassica sp., Hordeum vulgare, Juglans regia, Nicotiana tabacum, Oryza sativa, Populus tremula, Triticum aestivum, Vicia faba
 - Predicted reactivity: Species of your interest not listed? [Contact us](#)
- Not reactive in: No confirmed exceptions from predicted reactivity are currently known.
- Additional Information
 - 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.
 - DyLight® 650 has Amax = 652 nm, Emax = 672 nm. DyLight® is a registered trademark of ThermoFisher Inc., and its subsidiaries.
 - Additional information (application): Protein or membrane sample should be treated at 70°C for 10 min before loading on the gel.
- Background
 - Background: **PIP**s proteins are aquaporins which facilitate the transport of water and small neutral molecules across the cell membrane. Alternative names: PIP1-1, PIP1-2, PIP1-3, plasma membrane intrinsic protein 1a, 1b, 1c, PIP1a, PIP1b, PIP1c, plasma membrane aquaporin-1, transmembrane protein A, TMP-A, AthH2, transmembrane protein B, TMP-B.