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Product no AS09 487-DL488

PIP (PIP1;1, PIP1;2, PIP1;3, PIP1;4, PIP1;5) aquaporins, DyLight® 488 conjugated (40 µg)

Product information

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® 488.
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.
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® 488 Amax = 493 nm, Emax = 519 nm. DyLight® is a registered trademark of Thermofisher Inc., and its subsidiaries.

Application information

Recommended dilution	To be determined by end user.
Expected | apparent MW	30,68 | 28 kDa
Confirmed reactivity	*Arabidopsis thaliana, Brassica sp,, Jatropha curcas L, cv, Biji Jarak , Mesembryantheum crystallinum, Populus nigra, Populus trichocarpa, Raphanus sativus, Thellungiella salsuginea*
Predicted reactivity	*Brassica sp., Hordeum vulgare, Juglans regia, Nicotiana tabacum, Oryza sativa, Populus tremula, Triticum aestivum, Vicia faba* 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.
Selected references	To be added when available. Antibody released in May 2023.