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Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS18 4222

Anti-PHR1 | Phosphate starvation response 1 (monocots)

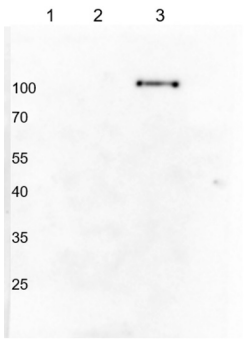
Product information

Immunogen	KLH-conjugated peptide derived from *Hordeum vulgare* PHR1, UniProt: F4Y5E9
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl, of sterile water
Storage	Lyophilized antibody can be stored at -20°C for up to 3 years. Re-constituted antibody can be stored at 4°C for several days to weeks. Once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	33 kDa
Confirmed reactivity	*Hordeum vulgare* (recombinant PHR1)
Predicted reactivity	*Aegilops tauschii, Brachypodium distachyon, Dichanthelium oligosanthes, Panicum hallii, Zea mays* Species of your interest not listed? Contact us
Not reactive in	dicots

Application example



Samples: purified MBP tag protein, 50 ng, **(1)**, purified MBP-HvTF (MYB-family like PHR1) tag protein 50 ng, **(2)**, purified MBP+HvPHR1, 50 ng, **(3)**. Samples were separated on 13% SDS-PAGE and blotted 1h to PVDF/nitrocellulose using semi-dry transfer. Blot was blocked with 10% milk for 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 for 1h/RT with agitation in TBS-T. The antibody solution was decanted and the blot was rinsed briefly twice, then washed three times for 10 min in TBS-T at RT with agitation. Blot was incubated in Agrisera matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated AS09 602) diluted to 1:50 000 in 10% milk with TBS-T for 1h/RT with agitation. The blot was washed as above and developed for 3 min with chemiluminescent detection reagent. Exposure time was 3 minutes.

Courtesy of Msc. Paweł Sega, Institute of Molecular Biology and Biotechnology, Department of Gene Expression, UAM, Poznań, Poland