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Product no AS10 723

Anti-GDP-L-Galactose Phosphorylase

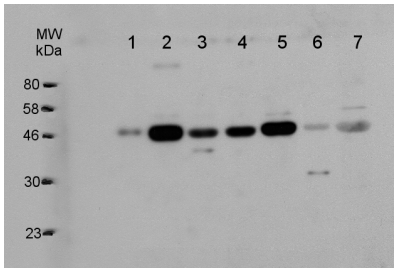
Product information

Immunogen	KLH-conjuated synthetic peptide derived from known GDP-L-Galactose Phosphorylase sequences, including *Arabidopsis thaliana* Q8LKQ7 (At4g26850) and *Chlamydomonas reinhardtii*
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	200 µl
Reconstitution	For reconstitution add 200 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C; 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 : 1200 , 1 : 3000 (WB)
Expected | apparent MW	51 | 50 kDa
Confirmed reactivity	*Arabidopsis thaliana, Brassica oleracea var. italica, Brassica rapa var. komatsuna, Citrus limon, Nicotiana tabacum, Spinacia oleracea, Zea mays, Chlamydomonas reinhardtii*
Predicted reactivity	*Manihot esculenta, Sorghum bicolor, Oryza sativa, Physcomitrium patens* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known

application example



9 ul of total soluble protein from *Arabidopsis thaliana* **(1),** *Zea mays* ***(2),*** *Nicotiana tabacum* ***(3),*** *Citrus lemon* **(4),** *Spinacia oleracea* ***(5),*** *Brassica rapa* var. komatsuna ***(6),*** *Brassica oleracea* var. italica ***(7)*** was separated on 12% SDS-PAGE and blotted 1.5h to **PVDF** at 1.5 mA/cm2 constant current. Blots were blocked immediately following transfer in TBS-0.3% Tween 20 + 5% dried milk overnight at room temperature (RT) with agitation. Blots were incubated in the primary antibody AS10 723 at a dilution of 1: 1500 for 4 h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly once with TBS-T+5%milk, followed by washing 3 times for 5 min in the same at RT with agitation. Blots were incubated in secondary antibodies (goat anti-rabbit IgG HRP conjugated from Biorad) diluted in TBS-T+5%milk to 1:25 000 for 1 h at RT with agitation. The blots were washed 2 x 5 mins with TBS-T+5% milk as above, then rinsed with TBS and followed by ECL detection (approx 5 minutes).

Courtesy Dr. Eugen Urzica, UCLA