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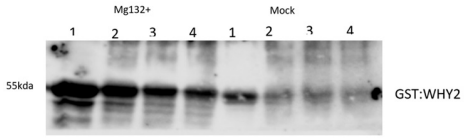
Product no AS23 4984

Anti-WHY2 | Whirly2

Product information

Immunogen	KLH-conjugated peptide derived from *Arabidopsis thaliana* WHY2 protein sequence, UniProt: Q8VYF7 GeneID: At1g71260
Host	Rabbit
Clonality	Polyclonal
Purity	Antigen affinity purified serum, in PBS pH 7.4
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution, add 50 µl of sterile or deionized water.
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	26.3 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Arachis hypogaea, Capsicum annuum, Brachypodium distachyon, Brassica napus, Cannabis sativa, Citrus sp., Cucumis sativus, Glycine max, Gossypium sp., Hordeum vulgare, Malus domestica, Manihot esculenta, Medicago truncatula, Nicotiana tabacum, Oryza sativa, Phaseolus vulgaris, Pisum sativum, Populus sp., Ricinus communis, Solanum lycopersicum, Solanum tuberosum, Sorghum bicolor, Spinacia oleracea, Theobroma cacao, Triticum sp., Vitis vinifera, Zea mays* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	 50ug/well of total protein extracted freshly from *Arabidopsis thaliana* 7 days old keg seedling. Exact buffer component: Tris-HCl 7.5pH, NaCl, MgCl, DTT and PMSF. Denatured with 6X SDS-Laemeli buffer at 99°C for 10 min. Samples were separated on 10% SDS-PAGE and blotted onto PVDF using wet transfer for 40 min. The blot was blocked with 5% milk for 1h/RT with agitation. The blot was incubated in the primary antibody at 1:500 dilution for 1.5h/RT with agitation in PBS-T at RT. The antibody solution was decanted and the blot was rinsed twice, then washed once for 15 min and three times for 5 min. in PBS-T at RT with agitation. The blot was incubated in matching secondary antibody (anti-rabbit IgG horseradish peroxidase conjugated) at 1:20 000 dilution for 1hr/RT with agitation. The blot was washed as above and developed with a following chemiluminescent detection regent. Exposure time was 10 min. Courtesy of Dr. Agnieszka Ludwików Lab, UAM, Poznań, Poland
Selected references	To be added when available, antibody released in February 2026.