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Product no AS16 3984

Anti-PELOTA | Protein pelota homolog

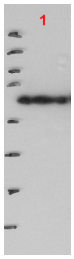
Product information

Immunogen	Recombinant PELOTA protein of *Solanum lycopersicum*, full length, Uniprot: K4BPD6
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 50 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

Expected | apparent MW	42 kDa
Confirmed reactivity	*Solanum lycopersicum*
Predicted reactivity	*Arabidopsis lyrata, Arabidopsis thaliana, Beta vulgaris, Brassica napus, Brassica rapa subsp. pekinesis, Cajanus cajan, Capsella rubella, Cucumis sativus, Erythranthe guttata, Eutrema salsugineum, Eucalyptus grandis, Glycine max, Glycine soja, Gossypium raimondii, Jatropha curcas, Medicago truncatula, Nicotiana tabacum, Phaseolus angularis, Phaseolus vulgaris, Populus trichocarpa, Prunus persica, Ricinus communis, Solanum sp., Spinacia oleracea, Theobroma cacao, Vigna angularis, Vitis vinifera.* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Antibody is recognizing recombinant PELOTA in fusion with GFP, Reactivity in endogenous material remains to be determined

Application example



10 µg of total protein from *Solanum lycopersicum* overexpressing PELOTA GFP leaf extracted by SDS buffer and denatured at 100°C for 2-5 min. Proteins were separated on 10% SDS-PAGE minigel and blotted 1h to PVDF using semi-dry or tank transfer. Blots were blocked with for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1000 for 1h at RT with agitation in TBS-T. The antibody solution was decanted and the blot was rinsed briefly trice and washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in for 1h at RT with agitation. The blot was washed as above and developed for 5 sec with chemilominecent detection reagent.

Courtesy Dr. Moshe Reuveni, Plant Science Institute ARO, Volcani Center, Israel