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

Product no **AS09 458-ALP**

Anti-PEPC | phosphoenolpyruvate carboxylase, ALP-conjugated (40 µg)

Product information

Immunogen	KLH-conjugated synthetic peptide well conserved PEPC1 and sequences from different plant species including *Arabidopsis thaliana* Q9MAH0, At1g53310 (PEPC 1), Q84VW9, At3g14940 (PEPC 3). The peptide chosen to elicit this antibody is also perfectly conserved in bacterial type of this enzyme NP_177043.2 (PEPC 4)
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Liquid
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.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	110 | 105 kDa
Confirmed reactivity	*Ananas comosus, Arabidopsis thaliana, Synechocystis* PCC 6803*, Chromera velia, Hordeum vulgare, Jatropha curcas, Lupinus sp., Mesembryanthemum crystallinum, Nicotiana tabacum, Oryza sativa, Saccharum* spp. hybrid clone C91-301*, Salsola laricifolia, Zea mays, Synechocystis sp. , Phaeodactylum tricornutum (strain CCAP 1055/1), Thalassiosira weissfloggi*
Predicted reactivity	*Cucumis sativus (PEPC1,PEPC2,PEPC3), Flaveria trinervia, Glycine max, Lupinus albus, Mammillaria thornberi, Manihot obovata, Medicago sativa, Morinda citrifolia, Nopalea gaumeri, Opuntia macbridei, Pachycereus pringlei, Solanum tuberosum, Spinacia oleracea, Streptanthus tortuosus, Pachycereus hollianus, Pisum sativa, Phaseolus vulgaris,Triticum aestivum, algae, diatoms: Thalassiosira pseudonana, other species: Salmonella sp., Schiedea hookeri, Shigella sp. Schiedea sarmentosa, Streptanthus farnsworthianus, Tacinga saxatilis,Yersinia sp. Vibrio sp.* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Antibody can be also used following 2D gel electrophoresis