

product **AS10 651**
Enolase

product information

background	Enolase (2-phospho-D-glycerate hydrolase or phosphopyruvate dehydratase) is an essential glycolytic metalloenzyme. It is catalyzing the interconversion of 2-phosphoglycerate and phosphoenolpyruvate.
immunogen	recombinant <i>Arabidopsis thaliana</i> enolase At2g36530
antibody format	rabbit polyclonal serum lyophilized
quantity	200 µl 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 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.
tested applications	western blot (WB)
additional information	to be added when available

application information

recommended dilution	1 : 2000 with standard ECL (WB)
expected apparent MW	47.7 kDa (<i>Arabidopsis thaliana</i>)
confirmed reactivity	<i>Arabidopsis thaliana</i>
predicted reactivity	dicots including: <i>Brassica</i> sp., <i>Lycopersicon esculentum</i> , <i>Gossypium mexicanum</i> , <i>Nicotiana tabacum</i> , <i>Ricinus communis</i> , trees: <i>Populus balsamifera</i> , monocots including: <i>Oryza sativa</i> , <i>Zea mays</i> , moss: <i>Physcomitrella patens</i> , algae: <i>Chlamydomonas reinhardtii</i>
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	to be added when available
selected references	Chen et al.(2009) System analysis of an Arabidopsis mutant altered in de novo fatty acid synthesis reveals diverse changes in seed composition and metabolic regulation. Plant Physiol.