

Product no **AS22 4713****Anti-RPE | Ribulose-5-phosphate-3-epimerase, chloroplastic****Product information**

Immunogen	KLH-conjugated peptide derived from <i>Arabidopsis thaliana</i> RPE protein sequence, UniProt: Q9SAU2 , TAIR: At5g61410
Host	Rabbit
Clonality	Polyclonal
Purity	Affinity purified serum, in PBS pH 7.4
Format	Lyophilized
Quantity	µg or µl
Reconstitution	For reconstitution, add 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	30.0 kDa (due to N-terminal or C-terminal processing)
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Capsicum annuum</i> , <i>Chlamydomonas reinhardtii</i> , <i>Cucumis sativus</i> , <i>Lolium perenne</i> , <i>Physcomitrium patens</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Spinacia oleracea</i> Species of your interest not listed? Contact us
Not reactive in	<i>Nannochloropsis</i> sp., <i>Vicia faba</i>
Selected references	To be added when available, antibody available in

Application example

µg of total protein extracted freshly from with write exact buffer components and denatured with.....at °C or 70 °C for 2-5 min.... were separated on % SDS-PAGE and blotted 1h to PVDF/nitrocellulose using wet, semi-dry or dry transfer. Blot was blocked with % milk or % BSA for 1h/RT or 4 °C/ON with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 for 1h/RT with agitation in TBS-T or ON/4 °C with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in Agrisera matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:25 000 in for 1h/RT with agitation. The blot was washed as above and developed for min with name and supplier. Exposure time was.....seconds.

Courtesy of