

Agrisera

This product is for research use only (not for diagnostic or therapeutic use)

contact: support@agrisera.com

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

Product no **AS11 1757**

Fd | Ferredoxin 1 (chloroplastic)

Product information

Background	Ferredoxins are soluble, iron-sulfur containing proteins that function as electron donors in many metabolic pathways. Ferredoxin is also a target for thioredoxin action.
Immunogen	<u>KLH</u> -conjugated synthetic peptide derived from known C-terminal part of <i>Chlamydomonas reinhardtii</i> chloroplastic ferredoxin UniProt: P07839
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 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)
Related products	AS07 224 Anti-Fdx3 ferredoxin 3, rabbit antibodies AS07 223 Anti-Fdx6 ferredoxin 6, rabbit antibodies Algal protein extraction buffer Secondary antibodies
Additional information	This product can be sold containing ProClin if requested.

Application information

Recommended dilution	1 : 1000 (WB)
Expected apparent MW	13 kDa
Confirmed reactivity	<i>Chlamydomonas reinhardtii</i>
Predicted reactivity	<i>Aegilops tauschii</i> , <i>Auxenochlorella protothecoides</i> , <i>Brachypodium distachyon</i> , <i>Catalpa bungei</i> , <i>Chlorella variabilis</i> , <i>Coccomyxa subellipsoidea</i> (strain C-169), <i>Cyanidioschyzon merolae</i> , <i>Crocospaera</i> sp., <i>Dunaliella salina</i> , <i>Hordeum vulgare</i> , <i>Klebsormidium flaccidum</i> , <i>Lycium chinense</i> , <i>Marchantia polymorpha</i> , <i>Monoraphidium neglectum</i> , <i>Oscillatoria</i> sp. PCC 6506, <i>Picea sitchensis</i> , <i>Scenedesmus fuscus</i> , <i>Selaginella moellendorffii</i> , <i>Solanum lasiocarpum</i> , <i>Synechococcus</i> sp. PCC 8801, <i>Tetraselmis</i> sp. GSL018, <i>Triticum aestivum</i> , <i>Zea mays</i> Species of your interest not listed? Contact us
Not reactive in	<i>Arabidopsis thaliana</i>
Selected references	Terrauchi et al. (2009). Pattern of expression and substrate specificity of chloroplast ferredoxins from <i>Chlamydomonas reinhardtii</i> . J Biol Chem 284 (38):25867-25878.

For high resolution images, please visit the specific product page at www.agrisera.com