

product **AS08 292**

Toc75 | outer chloroplast membrane translocon complex protein

product information

background	Import of protein precursors into chloroplasts occurs via translocon complexes at the outer (Toc/TOC complex) and inner (Tic/TIC complex) envelope membrane. The major components of the Toc (TOC) complex in plants are Toc75 , Toc34 and Toc159 (formerly Toc86). Toc75 (OEP75) forms the main import pore. It is an abundant protein in the outer envelope membrane of chloroplasts from expanding tissues but it is also found in plastids of roots, stems and flowers. Alternative names: 75 kDa translocon at the outer-envelope membrane of chloroplasts, import intermediate-associated protein of 75 kDa, 75 kDa chloroplast outer envelope protein,
immunogen	<u>KLH</u> -conjugated synthetic peptide derived from Toc75 protein sequence of <i>Pisum sativum</i> (Q43715)
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	1:1000 with standard ECL (WB)
expected apparent MW	88 75 kDa (for <i>Pisum sativum</i>)
confirmed reactivity	<i>Pisum sativum</i> , <i>Synechocystis</i> PCC6803
predicted reactivity	n.a.
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	to be added when available
selected references	to be added when available