

product **AS06 151**
COXIIb | cytochrome oxidase subunit II b

product information

background	COXII - mitochondrial cytochrome oxidase subunit II is located in inner mitochondrial membrane. The enzyme is a component of the respiratory chain complex involved in the transfer of electrons from cytochrome c to oxygen.
immunogen	GST fusion with the aminoacids 4-153 of the subunit 2b of the <i>Chlamydomonas reinhardtii</i> cytochrome oxidase
antibody format	rabbit polyclonal serum lyophilized
quantity	100 µl for reconstitution add 100 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	cellular [compartment marker] of mitochondrial inner membrane for <i>Chlamydomonas reinhardtii</i>

application information

recommended dilution	1: 5000 with alkaline phosphatase (WB), 1: 25 000 with standard ECL (WB)
expected apparent MW	15 kDa
confirmed reactivity	<i>Chlamydomonas reinhardtii</i>
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