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This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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Product no AS17 4116

FCP | Fucoxanthin Chla/c protein

Product information

Immunogen	Purified 19 kDa protein FCP of *Heterosigma akashiwo.*
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 the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
Additional information	This antibody can be sold with ProClin

Application information

Recommended dilution	1 : 1000-1 : 5000 (WB)
Expected | apparent MW	18-19 kDa
Confirmed reactivity	Aureococcus (Pelagophyte), Heterosigma akashiwo (Bacillariophyte)
Predicted reactivity	Heterokont/stramenopile: Diatoms Species of your interest not listed? Contact us
Additional information	This antibody detects the 2 or 3 major Chl a/c proteins (a.k.a. FCPs), but not the Lhcx's proteins. Antibody will not bind to Lhcx1 (22kDa) or Lhcx6 (25 kDa) proteins of *Thassiosira pseudonana.*
Selected references	Bentley et al. (2005). Investigation of PSI-associated light-harvesting proteins in a chromophyte alga." In: Photosynthesis: Fundamental Aspects to Global Perspectives (Eds. A. van der Est and D. Bruce), pp.161-163.