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Product no AS19 4322

CAH6 | Carbonic anhydrase 6

Product information

Immunogen	Recombinant, full length CAH6 of *Chlamydomonas reinhardtii*, excised from the gel, UniProt: Q6S7R9
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.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	28 kDa
Confirmed reactivity	*Chlamydomonas reinhardtii*
Predicted reactivity	*Gonium pectorale, Volvox carteri* Species of your interest not listed? Contact us
Not reactive in	*Lycopersicum esculentum, Neopyropia yezoensis* (macroalga), *Zea mays*
Additional information	Lately localization to flagella has been confirmed for CAH6 Mackinder et al. 2017. Extraction method – harvest the cells and add SDS sample buffer.
Selected references	Mackinder et al. 2017. A Spatial Interactome Reveals the Protein Organization of the Algal CO2-Concentrating Mechanism. Cell. 2017 Sep 21;171(1):133-147.e14. doi: 10.1016/j.cell.2017.08.044. Mitra et al. (2004). Identification of a new chloroplast carbonic anhydrase in Chlamydomonas reinhardtii. Plant Physiol. 2004 May;135(1):173-82.