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Product no AS05 094A

Anti-FtsH6 | ATP-dependent zinc metalloprotease FtsH6 (chloroplastic)

Product information

Immunogen	KLH-conjugated peptide chosen from AtFtsH6 protein sequence of *Arabidopsis thaliana* Q1PDW5
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	100 µg
Reconstitution	For reconstitution add 100 µl of sterile water/tube
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 : 1 500-1 : 1000 (WB)
Expected | apparent MW	74.36 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Arabidopsis thaliana*
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Sedaghatmehr et al. (2022) Heat shock factor HSFA2 fine-tunes resetting of thermomemory via plastidic metalloprotease FtsH6. J Exp Bot. 2022 Jun 15:erac257. doi: 10.1093/jxb/erac257. Epub ahead of print. PMID: 35705109. Sedaghatmehr et al. (2016). The plastid metalloprotease FtsH6 and small heat shock protein HSP21 jointly regulate thermomemory in Arabidopsis. Nat Commun. 2016 Aug 26;7:12439. doi: 10.1038/ncomms12439.