

Product no **AS05 094A****FtsH6 | ATP-dependent zinc metalloprotease FtsH6 (chloroplastic)****Product information**

<b>Immunogen</b>	KLH-conjugated peptide chosen from AtFtsH6 protein sequence of <i>Arabidopsis thaliana</i> <a href="#">Q1PDW5</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4.
<b>Format</b>	Lyophilized
<b>Quantity</b>	100 µg
<b>Reconstitution</b>	For reconstitution add 100 µl of sterile water/tube
<b>Storage</b>	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**

<b>Recommended dilution</b>	1 : 1 500-1 : 1000 (WB)
<b>Expected   apparent MW</b>	74.36 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Selected references</b>	<a href="#">Sedaghatmehr et al. (2022)</a> Heat shock factor HSFA2 fine-tunes resetting of thermomemory via plastidic metalloprotease FtsH6. <i>J Exp Bot.</i> 2022 Jun 15;erac257. doi: 10.1093/jxb/erac257. Epub ahead of print. PMID: 35705109. <a href="#">Sedaghatmehr et al. (2016)</a> . The plastid metalloprotease FtsH6 and small heat shock protein HSP21 jointly regulate thermomemory in <i>Arabidopsis</i> . <i>Nat Commun.</i> 2016 Aug 26;7:12439. doi: 10.1038/ncomms12439.