

Product no **AS10 710-DL488****H3 | Histone H3, DyLight® 488 conjugated (40 µg)****Product information**

<b>Immunogen</b>	KLH-conjugated synthetic peptide derived from known H3 sequences, including <i>Arabidopsis thaliana</i> H3.3 <a href="#">P59169</a> ( <a href="#">At4g40030</a> , <a href="#">At4g40040</a> , <a href="#">At5g10980</a> ), H3.2 <a href="#">P59226</a> ( <a href="#">At1g09200</a> , <a href="#">At3g27360</a> , <a href="#">At5g10390</a> , <a href="#">At5g10400</a> , <a href="#">At5g65360</a> ), H3-like 2 <a href="#">Q9FXI7</a> ( <a href="#">At1g19890</a> )
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum, in PBS pH 7.4, conjugated to DyLight® 488.
<b>Format</b>	Liquid in PBS pH 7.4.
<b>Quantity</b>	40 µg
<b>Storage</b>	Store at 4°C for 12-18 months, A preservative may be added for long time storage up to 2 years. Spin briefly the tube before use.
<b>Additional information</b>	Cellular [compartment marker] of nucleoplasm, loading control antibody for <i>Chlamydomonas reinhardtii</i> .  DyLight® 488 Amax = 493 nm, Emax = 519 nm. DyLight® is a registered trademark of Thermofisher Inc., and its subsidiaries.

**Application information**

<b>Recommended dilution</b>	To be determined by end user.
<b>Expected   apparent MW</b>	15   17 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Brassica oleracea</i> , <i>Capsicum annuum</i> , <i>Cicer arietinum</i> L., <i>Chlamydomonas acidophila</i> , <i>Chlamydomonas reinhardtii</i> , <i>Cucumis sativus</i> L cv <i>Suyo</i> , <i>Cucurbita pepo</i> L. var. <i>cylindrica</i> , <i>Hordeum vulgare</i> , human, <i>Nicotiana benthamiana</i> , <i>Phalaenopsis equestris</i> , <i>Physcomitrium patens</i> , <i>Salicornia europaea</i> , <i>Solanum lycopersicum</i> , <i>Solanum soganandinum</i> , <i>Solanum tuberosum</i> , <i>Vicia faba</i> , <i>Zea mays</i>
<b>Predicted reactivity</b>	<i>Brachypodium distachyon</i> , <i>Brassica napus</i> , <i>Emiliania huxleyi</i> , <i>Glycine max</i> , <i>Nannochloropsis gaditana</i> , <i>Nicotiana tabacum</i> , <i>Malus domestica</i> , <i>Medicago sativa</i> , <i>Triticum aestivum</i> , <i>Pinus pinaster</i> , <i>Pisum sativum</i> , <i>Oryza sativa</i> , <i>Ostreococcus sp.</i> , <i>Sorghum bicolor</i> , <i>Vitis vinifera</i> , <i>Volvox sp.</i>  Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known.
<b>Selected references</b>	To be added when available. Antibody released in May 2023.