

Product no **AS10 690-ALP****Clathrin heavy-chain 1,2, ALP-conjugated (40 µg)****Product information**

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| <b>Immunogen</b> | KLH-conjugated peptide derived from available plant clathrin heavy chain sequences including <i>Arabidopsis thaliana</i> clathrin heavy chain 1 UniProt: <a href="#">Q0WNJ6</a> , TAIR: <a href="#">At3g11130</a> , clathrin heavy chain 2 UniProt: <a href="#">Q0WLB5</a> , TAIR: <a href="#">At3g08530</a> |
| <b>Host</b>      | Rabbit   |
| <b>Clonality</b> | Polyclonal   |
| <b>Purity</b>    | Immunogen affinity purified serum in PBS pH 7.4, conjugated to ALP.  |
| <b>Format</b>    | Liquid   |
| <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.  |

**Application information**

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|-------------------------------|---|
| <b>Recommended dilution</b>   | 1 : 2400 (IL), 1 : 400 (IF), 1 : 2000 (WB)  |
| <b>Expected   apparent MW</b> | 193   170 kDa ( <i>Arabidopsis thaliana</i> )   |
| <b>Confirmed reactivity</b>   | <i>Arabidopsis thaliana</i> , <i>Chlamydomonas reinhardtii</i> , <i>Nicotiana tabacum</i>   |
| <b>Predicted reactivity</b>   | <i>Amborella trichopoda</i> , <i>Brassica napus</i> , <i>Capsella rubella</i> , <i>Citrus aurantium</i> var. <i>sinensis</i> , <i>Eucalyptus grandis</i> , <i>Glycine max</i> , <i>Chlorella variabilis</i> , <i>Leucaena glauca</i> , <i>Lotus japonicus</i> , <i>Medicago tribuloides</i> , <i>Mimulus guttatus</i> , <i>Musa malaccensis</i> , <i>Oryza sativa</i> , <i>Panicum italicum</i> , <i>Physcomitrium patens</i> , <i>Phaseolus vulgaris</i> , <i>Pisum sativum</i> , <i>Populus balsamifera</i> , <i>Ricinus communis</i> , <i>Selaginella moellendorffii</i> , <i>Sisymbrium salsugineum</i> , <i>Solanum lycopersicum</i> , <i>Theobroma cacao</i> , <i>Triticum aestivum</i> , <i>Vitis vinifera</i> |
|                               | Species of your interest not listed? <a href="#">Contact us</a>   |
| <b>Not reactive in</b>        | <i>Nicotiana benthamiana</i>  |
| <b>Additional information</b> | Please, note that fresh samples will provide better results (see image below)   |
| <b>Selected references</b>    | <a href="#">Gao</a> et al. (2019). The Arabidopsis receptor kinase STRUBBELIG undergoes clathrin-dependent endocytosis. J Exp Bot. 2019 Apr 25. pii: erz190. doi: 10.1093/jxb/erz190.   |