

Product no **AS07 257-DL594****PRK ribulose-5-P-kinase | Phosphoribulokinase, DyLight® 594 conjugated (40 µg)****Product information**

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| <b>Immunogen</b>              | KLH-conjugated peptide derived from known PRK sequences including <i>Arabidopsis thaliana</i> UniProt: <a href="#">P25697</a> , TAIR: <a href="#">At1g32060</a>                              |
| <b>Host</b>                   | Rabbit   |
| <b>Clonality</b>              | Polyclonal   |
| <b>Purity</b>                 | Immunogen affinity purified serum, in PBS pH 7.4, conjugated to DyLight® 594.  |
| <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 shortly the tube before use.  |
| <b>Additional information</b> | Antibody can be used as a marker of chloroplast stroma.<br><br>DyLight® 594 has Amax = 593 nm, Emax = 618 nm. DyLight® is a registered trademark of Thermofisher Inc., and its subsidiaries. |

**Application information**

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| <b>Recommended dilution</b>   | To be determined by end user   |
| <b>Expected   apparent MW</b> | 44   39 kDa ( <i>A. thaliana</i> )   |
| <b>Confirmed reactivity</b>   | <i>Arabidopsis thaliana</i> , <i>Chlamydomonas reinhardtii</i> , <i>Hordeum vulgare</i> , <i>Synechocystis sp.</i> , <i>PCC6803</i> , <i>Synechococcus PCC 7942</i> , <i>Thalassiosira pseudonana</i> , <i>Zea mays</i>  |
| <b>Predicted reactivity</b>   | <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Lactuca sativa</i> , <i>Malus domestica</i> , <i>Micromonas sp.</i> , <i>Ostreococcus tauri</i> , <i>Physcomitrium patens</i> , <i>Populus trichocarpa</i> , <i>Spinacia oleracea</i> , <i>Solanum tuberosum</i> , <i>Sorghum bicolor</i> , <i>Synechocystis PCC 6803</i> , <i>Synechococcus elongatus</i> , <i>Zea mays</i> , <i>Vitis vinifera</i><br><br>Species of your interest not listed? <a href="#">Contact us</a> |
| <b>Not reactive in</b>        | Proteobacteria   |
| <b>Selected references</b>    | To be added when available. Antibody released in May 2023.   |