

Product no **AS07 257-DL650****PRK ribulose-5-P-kinase | Phosphoribulokinase, DyLight® 650 conjugated (40 µg)****Product information**

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| Immunogen | KLH-conjugated peptide derived from known PRK sequences including <i>Arabidopsis thaliana</i> UniProt: P25697 , TAIR: At1g32060 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Immunogen affinity purified serum, in PBS pH 7.4, conjugated to DyLight® 650. |
| Format | Liquid in PBS pH 7.4. |
| Quantity | 40 µg |
| Storage | Store at 4°C for 12-18 months, A preservative may be added for long time storage up to 2 years. Shortly spin the tube before use. |
| Additional information | Antibody can be used as a marker of chloroplast stroma. DyLight® 650 has Amax = 652 nm, Emax = 672 nm. DyLight® is a registered trademark of Thermofisher Inc., and its subsidiaries. |

Application information

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| Recommended dilution | To be determined by end user |
| Expected apparent MW | 44 39 kDa (<i>A. thaliana</i>) |
| Confirmed reactivity | <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> |
| Predicted reactivity | <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> Species of your interest not listed? Contact us |
| Not reactive in | Proteobacteria |
| Selected references | To be added when available. Antibody released in May 2023. |