

Product no **AS07 257B****PRK ribulose-5-P-kinase | phosphoribulokinase, Biotin-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 biotin.  |
| <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.   |

**Additional information** | Antibody can be used as a marker of chloroplast stroma**Application information**

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|-------------------------------|--|
| <b>Recommended dilution</b>   | 1 : 1000 (WB)  |
| <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. PCC6803</i> , <i>Synechococcus PCC 7942</i> , <i>Thalassiosira pseudonana</i> , <i>Zea mays</i>   |
| <b>Predicted reactivity</b>   | <i>Chlamydomonas reinhardtii</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Malus domestica</i> , <i>Micromonas sp.</i> , <i>Ostreococcus tauri</i> , <i>Oryza sativa</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? <a href="#">Contact us</a>  |
| <b>Not reactive in</b>        | Proteobacteria   |