

Product no **AS07 257-HRP****PRK ribulose-5-P-kinase | Phosphoribulokinase, HRP-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 HRP. |
| Format | Liquid |
| 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. |

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

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| Recommended dilution | 1 : 1000 (WB) |
| 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. PCC6803</i> , <i>Synechococcus PCC 7942</i> , <i>Thalassiosira pseudonana</i> , <i>Zea mays</i> |
| Predicted reactivity | <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? Contact us |
| Not reactive in | Proteobacteria |
| Selected references | Gassler et al. (2021) Adaptive laboratory evolution and reverse engineering enhances autotrophic growth in <i>Pichia pastoris</i> . <i>Metab Eng.</i> 2022 Jan;69:112-121. doi: 10.1016/j.ymben.2021.11.007. Epub 2021 Nov 17. PMID: 34800702. |