

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

<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 HRP.
<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**

<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
<b>Selected references</b>	<a href="#">Gassler et al. (2021)</a> 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.