

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

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

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</i> sp. PCC6803, <i>Synechococcus</i> PCC 7942, <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</i> sp., <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</i> PCC 6803, <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.