

Product no **AS07 257-DL594****PRK ribulose-5-P-kinase | Phosphoribulokinase, DyLight® 594 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 DyLight® 594.
<b>Format</b>	Liquid in PBS pH 7.4.
<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. Spin shortly the tube before use.
<b>Additional information</b>	Antibody can be used as a marker of chloroplast stroma.  DyLight® 594 has Amax = 593 nm, Emax = 618 nm. DyLight® is a registered trademark of Thermofisher Inc., and its subsidiaries.

**Application information**

<b>Recommended dilution</b>	To be determined by end user
<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.</i> , <i>PCC6803</i> , <i>Synechococcus PCC 7942</i> , <i>Thalassiosira pseudonana</i> , <i>Zea mays</i>
<b>Predicted reactivity</b>	<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? <a href="#">Contact us</a>
<b>Not reactive in</b>	Proteobacteria
<b>Selected references</b>	To be added when available. Antibody released in May 2023.