

Product no **AS07 257-DL594****PRK ribulose-5-P-kinase | Phosphoribulokinase, DyLight® 594 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 DyLight® 594.
Format	Liquid in PBS pH 7.4.
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. Spin shortly the tube before use.
Additional information	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

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