

Anti-Pyruvate phosphate dikinase regulatory protein 1/2 antibody

Catalog: PHY1885A

Product Information

Description:	Rabbit polyclonal antibody
Background:	NP_001105873.2, NP_001352398.1
Synonyms:	PDRP1/2
Immunogen:	KLH-conjugated synthetic peptide (25 aa from Central section) of PDRP1/2 derived from <i>Zea mays</i> PDRP1 (Zm00001d006520), PDRP2 (Zm00001d021672).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	47 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Glycine max</i> , <i>Medicago truncatula</i> , <i>Sorghum bicolor</i> , <i>Oryza sativa</i> , <i>Setaria</i>

Research Use Only

viridis, *Hordeum vulgare*, *Triticum aestivum*, *Panicum virgatum*, *Vitis vinifera*, *Cucumis sativus*, *Populus trichocarpa*, *Gossypium raimondii*, *Spinacia oleracea*, *Medicago truncatula*, and 80-99% homologues with the sequence in *Solanum lycopersicum*, *Solanum tuberosum*, *Nicotiana tabacum*, *Arabidopsis thaliana*, *Brassica rapa*, *Brassica napus*, *Physcomitrium patens*, *Chlamydomonas reinhardtii*.

For more species homologues information, please contact tech support at tech@phytoab.com.