

Anti-Os05g0402700, N-terminal antibody

Catalog: PHY4091S

Product Information

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| Description: | Rabbit polyclonal antibody |
| Background: | Similar to Fructose-bisphosphate aldolase, cytoplasmic isozyme (EC 4.1.2.13). (Os05t0402700-01) |
| Synonyms: | Os05g0402700 |
| Immunogen: | KLH-conjugated synthetic peptide (11 aa from N terminal section) derived from <i>Oryza sativa</i> Os05g0402700. |
| Form: | Lyophilized |
| Quantity: | 50 µg |
| Purification: | Serum |
| Reconstitution: | Reconstitution with 50µl of sterile water. "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. |

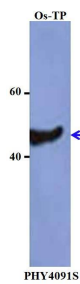
Application Information

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| Recommended Dilution: | Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user. |
| Expected / apparent MW: | 39 kDa |
| Confirmed Reactivity: | <i>Oryza sativa</i> |
| Predicted Reactivity: | Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Panicum virgatum</i> , <i>Setaria viridis</i> , <i>Hordeum vulgare</i> , <i>Triticum aestivum</i> , <i>Sorghum bicolor</i> , <i>Zea mays</i> , and 80-99% homologues with the |

Research Use Only

sequence in *Solanum tuberosum*, *Solanum lycopersicum*, *Vitis vinifera*, *Glycine max*, *Medicago truncatula*, *Cucumis sativus*, *Nicotiana tabacum*, *Populus trichocarpa*, *Gossypium raimondii*.
 For more species homologues information, please contact tech support at tech@phytoab.com.

Application Example



Os-TP: total protein from *Oryza sativa*.

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L(HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.