# Anti-TaTET8 antibody

**Catalog:** PHY6505A

## Product Information

| | |
|---|---|
| **Description:** | Rabbit polyclonal antibody |
| **Background:** | TET8 is a tetraspanin family transmembrane scaffolding protein. It is involved in plant development and stress responses, and likely functions in root growth regulation. |
| **Synonyms:** | A0A3B6KIW4, A0A3B6MQT7, A0A3B6LMJ2 |
| **Immunogen:** | KLH-conjugated synthetic peptide (16 aa from central section) derived from *Triticum aestivum* TET8 (TraesCS5A02G220600, TraesCS5B02G219700, TraesCS5D02G228600). |
| **Form:** | Lyophilized |
| **Quantity:** | 150 μg |
| **Purification:** | Immunogen affinity purified |
| **Reconstitution:** | Reconstitution with 150 μl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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.<br>12 months from date of receipt, -20 to -70℃ as supplied.<br>6 months, -20 to -70℃ under sterile conditions after reconstitution.<br>1 month, 2 to 8℃ under sterile conditions after reconstitution. |
| **Shipping:** | The product is shipped at 4℃. Upon receipt, store it immediately at the temperature recommended above. |

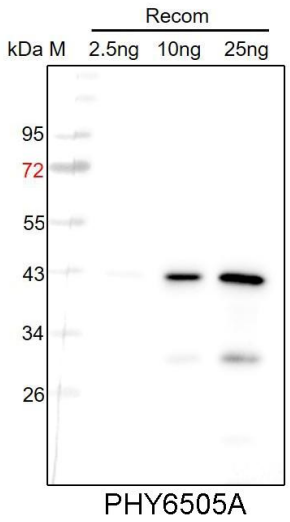
## Application Information

| | |
|---|---|
| **Recommended Dilution:** | Western Blot (1:1000-1:2000)<br>Note: Optimal dilutions/concentrations should be determined by the end user. |
| **Expected / apparent MW:** | 30 kDa |
| **Predicted Reactivity:** | Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Hordeum vulgare*, and 80-99% homologues with the sequence in *Setaria viridis,* |

*Panicum virgatum, Oryza sativa, Sorghum bicolor, Zea mays, Cucumis sativus, Brassica napus, Brassica rapa, Glycine max, Gossypium raimondii, Nicotiana tabacum*.

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

## Application Example



PHY6505A

Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 43 kDa.

**Electrophoresis:** 12% SDS-PAGE

**Transfer:** blotting to NC (nitrocellulose) membrane for 1 h.

**Blocking:** 5% skim milk at RT or 4℃ for 1 h.

**Primary antibody:** 1:1000 dilution overnight at 4℃.

**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.