

# Anti-Ubiquitin antibody

Catalog: PHY0076S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	Ubiquitin is a small, highly conserved protein found in all eukaryotes. Within the cell, ubiquitin is covalently linked to substrate proteins, often targeting them for degradation via the ubiquitin pathway.
<b>Synonyms:</b>	Ubiquitin
<b>Immunogen:</b>	KLH-conjugated synthetic peptide of Ubiquitin derived from <i>Arabidopsis thaliana</i> UBQ2 (AT2G36170), UBQ1 (AT3G52590), UBQ7 (AT2G35635), UBQ16 (AT1G23410), UBQ6 (AT2G47110), UBQ5 (AT3G62250), UBQ14 (AT4G02890), UBQ11 (AT4G05050), UBQ3 (AT5G03240), UBQ13 (AT1G65350), UBQ9 (AT5G37640).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	Reconstitution with 150µl 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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected/apparent MW:</b>	26 kDa

Research Use Only

**Confirmed Reactivity:**

Coming soon

**Predicted Reactivity:**

Among 25 analyzed species, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Zea mays*, *Solanum tuberosum*, *Oryza sativa*, *Medicago truncatula*, *Solanum lycopersicum*, *Sorghum bicolor*.

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).