

Anti-Ubiquitin antibody

Catalog: PHY3680A

Product Information

Description:	Rabbit polyclonal antibody
Background:	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.
Synonyms:	Ubiquitin
Immunogen:	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), RUB1 (AT1G31340), UBQ12 (AT1G55060), UBQ8 (AT3G09790), UBQ10 (AT4G05320), UBQ4 (AT5G20620).
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:	15 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Vitis vinifera*, *Solanum tuberosum*, *Brassica napus*, *Medicago truncatula*, *Sorghum bicolor*, *Gossypium raimondii*, *Triticum aestivum*, *Glycine max*, *Chlamydomonas reinhardtii*, *Nicotiana tabacum*, *Panicum virgatum*, *Zea mays*, *Oryza sativa*, *Brassica rapa*, *Solanum lycopersicum*, *Physcomitrium patens*, *Spinacia oleracea*, *Populus trichocarpa*, *Hordeum vulgare*.

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