

Anti- L-ascorbate peroxidase 2, cytosolic, C-terminal antibody

Catalog: PHY3187S

Product Information

Description:	Rabbit polyclonal antibody
Background:	APX2 is a cytosolic ascorbate peroxidase. Eight types of APX have been described for Arabidopsis: three cytosolic (APX1, APX2, APX6), two chloroplastic types (stromal sAPX, thylakoid tAPX), and three microsomal (APX3, APX4, APX5) isoforms.
Synonyms:	APX2, APX1B, ASCORBATE PEROXIDASE 1B, ASCORBATE PEROXIDASE 2, ATAPX2
Immunogen:	KLH-conjugated synthetic peptide (14 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> APX2 (AT3G09640).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl 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

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	28 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Gossypium raimondii*, *Zea mays*, *Vitis vinifera*, *Brassica napus*, *Brassica rapa*, *Spinacia oleracea*, *Solanum tuberosum*, *Populus trichocarpa*, *Oryza sativa*, *Triticum aestivum*, *Hordeum vulgare*, *Solanum lycopersicum*, *Nicotiana tabacum*, *Setaria viridis*, *Cucumis sativus*, *Sorghum bicolor*.

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