ABP1 | Auxin-binding protein 1 (tomato)

Cat. No. *APA-GA-171*

Lot. No. (See product label)

Product Name
ABP1 | Auxin-binding protein 1 (tomato)

Host
Rabbit

Immunogen
Overexpressed 6x-His-tagged Solanum lycopersicum ABP1 protein purified from inclusion bodies
NP_001234826.1

Background
ABP1 is an auxin receptor which regulates polar auxin transport. It is involved in the shade avoidance responsse, controls cell division and elongation, controls the size of a root meristem and madiates auxin responsivness. ABP1 promotes endocytosis via clathrin recruitment and restricts PIN internalization upon auxin binding via inhibition of clathrin-mediated endocytosis.

Format
Lyophilized

Clonality
Polyclonal

Purity
Serum

Quantity
50 µl

Confirmed reactivity
Solanum lycopersicum

Predicted reactivity
Aegilops tauschii, Arabidopsis thaliana, Avena sativa, Brachypodium distachyon, Capsicum annuum, Cicer arietinum, Citrus sp., Cucumis melo, Cucumis sativus, Dimocarpus longan, Eucalyptus grandis, Eucommia ulmoides, Elaeis guineensis, Glycine max, Gossypium sp., Hordeum vulgare, Lotus japonicus, Manihot esculenta, Medicago truncatula, Musa acuminata, Nelumbo nucifera, Nicotiana tabacum, Oryza sativa, Phoenix dactylifera, Populus trichocarpa, Sesamum indicum, Setaria italica, Solanum lycopersicum, Solanum tuberosum, Sorghum bicolor, Spinacia oleracea, Tarenaya hassleriana, Triticum aestivum, Triticum urartu, Vigna radiata, Vitis vinifer, Zea mays

Not reactive in
No confirmed exceptions from predicted reactivity are currently known

Reconstitution
For reconstitution add 50 µl of sterile water

Expected/apparent MW
18.4 kDa

Tested applications
Western Blot (WB)

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-356-5138 Fax: 1-631-910-2166
E-mail: info@lifeasible.com
https://www.lifeasible.com

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Recommended dilution

1 : 1000 (WB)

Storage

Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles.Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

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