Agrisera

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product AS16 3203

BIN2 | Brassinosteroid insensitive 2

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product information

Background	**BIN2 (Brasinosteroid insensitive 2)** plays an important role in regulating brassinosteroid signalling which is important for plant growth. It is also implied to mediate auxing signalling pathway. Phosphorylation of BZR1 and BZR2/BES2 by BIN2 increases degradation of these proteins by the proteasome. Alternative names:ATSK21, DWARF 12, DWF12, SHAGGY-LIKE KINASE 21, SK21, UCU1, ULTRACURVATA 1
Immunogen	KLH-conjugated synthetic peptide derived from *Arabidopsis thaliana* BIN2 protein, Uniprot: Q39011, TAIR: AT4G18710
Host	Rabbit
Clonality	Polyclonal
Purity	Affinity purified serum in PBS, pH 7.4
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl of sterile water.
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Tested applications	Western blot (WB)
Related products	AS12 1858 | anti-BAK1 | Brassinosteroid insensitive 1-associated receptor kinase 1, rabbit antibodies Plant protein extraction buffer Secondary antibodies

Application information

Recommended dilution	1: 5000 (WB)
Expected | apparent MW	43.1 kDa
Confirmed reactivity	*Arabidopsis thaliana* (recombinanat BIN2)
Predicted reactivity	*Brassica sp., Cicer arietinum, Citrus sp. Cucumis melo, Cucumis sativus, Fragaria vesca, Glycine max, Glycine soja, Gossypium raimondii, Jatropha curcas, Lotus japonicus, Medicago trancula, Morus notabilis, Musa acuminata, Nelumbo nucifera, Phaseolus vulgaris, Populus sp., Ricinus communis, Sesamum indicum, Tarenaya hasslerina, Vigna angularis, Vigna radicata, Vitis vinifera, Zostera marina*
Not reactive in	No confirmed exceptions from predicted reactivity are currently known.
Selected references	To be added when available, antibody released in February 2018.