**Product: AS16 3203**  
**BIN2 | Brassinosteroid insensitive 2**  

### Product Information

**Background**  
BIN2 (Brassinosteroid 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* (recombinant BIN2)

**Predicted reactivity**  

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

### Additional Information

**Selected references**  
To be added when available, antibody released in February 2018.