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Product no AS13 2638

Anti-GID2 | F-BOX protein GID2 (SLEEPY 1)

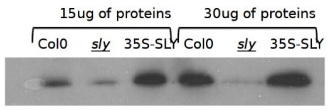
Product information

Immunogen	KLH-conjugated synthetic peptide derived from *Arabidopsis thaliana* GID2 sequence, UniProt: Q9STX3, TAIR: At4g24210
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
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 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.

Application information

Recommended dilution	1 : 5000 (WB)
Expected | apparent MW	17.4 | 18 kDa (*Arabidopsis*)
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Brassica napus, Medicago truncatula, Glycine max, Ricinus communis, Populus trichocarpa, Vitis vinifera* Species of your interest not listed? Contact us
Not reactive in	*Marchantia polymorpha*
Selected references	Ji et al. (2023). Evolution of a plant growth-regulatory protein interaction specificity. Nat Plants. 2023 Dec;9(12):2059-2070.doi: 10.1038/s41477-023-01556-0.

Application example



15µg of total protein from inflorescence of Col0, spy mutant, and 35S-SPY extracted with extraction buffer (DTT 100uM, Tris pH 6,8 67,5mM, Urea 4M, SDS 3%,glycerol 3% and bromophenol 0,1%) were separated on 10% SDS-PAGE and blotted 1h to PVDF. Blots were blocked with milk for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 5000 overnight at 4°C with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed 3 times for 10 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody diluted to 1:10 000 in TBS-T for 1h at RT with agitation. The blot was washed as above and developed for 2 min with chemiluminescent detection reagent, according to the manufacturer's instructions. Exposure time was 30 seconds.

Courtesy Dr. Patrick Achard, CNRS, France