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Product no AS13 2638

GID2 | F-BOX protein GID2 (SLEEPY 1)

Product information

Immunogen KLH-conjugated synthetic peptide derived from Arabidopsis thaliana GID2 sequence, UniProt: Q9STX3, TAIR:

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

Arabidopsis thaliana

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

Confirmed reactivity

Recommended dilution 1:5000 (WB)

Expected | apparent 17.4 | 18 kDa (Arabidopsis)

MW

Predicted reactivity Brassica napus, Medicago truncatula, Glycine max, Ricinus communis, Populus trichocarpa, Vitis vinifera

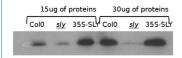
Species of your interest not listed? Contact us

Not reactive in Marchantia polymorpha

Ji et al. (2023). Evolution of a plant growth-regulatory protein interaction specificity. Nat Plants. 2023 Selected references

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 100µM, 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