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Product no AS13 2648

JAZ1 | Jasmonate ZIM-domain protein 1

Product information

KLH-conjugated synthetic peptide derived from Arabidopsis thaliana JAZ1 protein sequence, UniProt: Q9LMA8, TAIR: Immunogen

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 1:1000-1:3000 (WB)

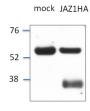
Expected | apparent 27,6 kDa

MW

Confirmed reactivity Arabidopsis thaliana

Not reactive in Gossypium hirsutum, Oryza sativa, Solanum tuberosum

application example



JAZ1HA was transiently expressed in Arabidopsis thaliana protoplast for 6 hours. 200 μl of protoplast cells were harvested and mixed with 100 μl 2X SDS buffer. Proteins were separated on 4-12% NuPAGE gel and blotted for 1 hr to PVDF using the Invitrogen XCell II blot module. Blot was blocked with 5% non-fat milk in TBST buffer for 1 hr at room temperature with agitation. Blot was incubated in the primary antibody at a dilution of 1: 3000 over night at 4°C with agitation in TBST with 5% non-fat milk. The blot was rinsed briefly twice, then washed 3 times with TBST for a total of 45 min at RT. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, from Agrisera AS09 602) diluted to 1:15 000 for 1 hr at RT in TBST with 5% non-fat milk. The blot was washed as above and developed for 5 min using the SuperSignal West Pico Chemiluminescent Substrate (Thermo Scientific) and exposed for 2 min.

Courtesy of Dr. Xuecheng Zhang, Department of Molecular Biology Massachusetts General Hospital, USA