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Product no AS13 2648

JAZ1 | Jasmonate ZIM-domain protein 1

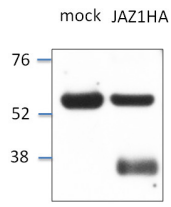
Product information

Immunogen	KLH-conjugated synthetic peptide derived from *Arabidopsis thaliana* JAZ1 protein sequence, UniProt: Q9LMA8, TAIR: AT1G19180
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 MW	27,6 kDa
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