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Product no AS22 4880

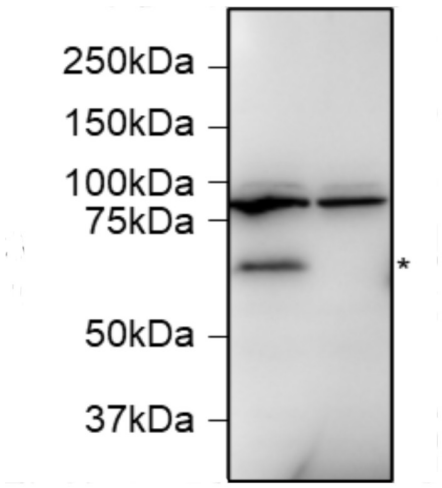
Anti-WRKY33 | Probable WRKY transcription factor 33

Product information

Immunogen	KLH-conjugated peptide derived from WRKY33 of *Arabidopsis thaliana*, UniProt: **Q8S8P5** TAIR: AT2G38470
Host	Rabbit
Clonality	Polyclonal
Purity	Antigen affinity purified serum, in PBS pH 7.4
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl, of sterile or deionized 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.

Application information

Recommended dilution	1 : 2000 (WB)
Expected | apparent MW	57 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Brassica napus* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	To be added when available, antibody available in June 2025.



Samples:
1 - 50 µg of *Arabidopsis thaliana* whole leaf extract
2 - 50 µg of *Arabidopsis thaliana* wrky33-2 mutant

50 µg/well of total protein extracted freshly from *Arabidopsis thaliana*. Exact buffer components were: 6% glycerol, 2% SDS, 50mM Tris-HCl pH6.8, 0.004% Bromophenol blue and 1% -ME. Samples were denatured at 100 °C for 5 min, cooled down on ice, and were separated on 10% SDS-PAGE and blotted for 30 min/RT to PVDF (pore size of 0.2 µm), using semi-dry transfer. Blot was blocked with 5% milk 1 h/RT. Blot was incubated in the primary antibody at a dilution of 1: 2000 ON/4°C with agitation. The antibody solution was decanted, and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1: 10 000 in 5% milk for 1h/RT with agitation. The blot was washed as above and developed with a following chemiluminescent detection reagent. Exposure time was 30 seconds.

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Courtesy of Dr. Jinggeng Zhou, Shanghai Normal University, China