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Product no AS20 4446

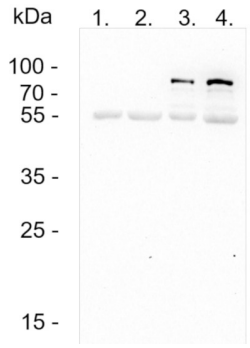
BC2-tag

Product information

Immunogen	KLH-conjugated BC2 tag PDRKAAVSHWQQ derived from beta catenin.
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 deionized 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.
Additional information	This antibody is suitable for detection of recombinant proteins with BC2 tag

Application information

Recommended dilution	1 : 5000 (WB)
Confirmed reactivity	Protein of interest overexpressed wth BC2-tag
Selected references	To be added when available, antibody available in April 2021.



Samples:
10 µg *A. thaliana* – Wt Col-0 (Negative control) **(1)**
20 µg *A. thaliana* – Wt Col-0 (Negative control) **(2)**
10 µg of *A. thaliana* expressing POI-BC2t fusion **(3)**
20 µg of *A. thaliana* expressing POI-BC2t fusion **(4)**

10 + 20 µg/well of total protein were extracted from *Arabidopsis thaliana* leaf material in diluted HENS (25mM HEPES pH 7.7, 1mM EDTA, 2.5 % SDS) and stored at -80°C. Samples were denatured in 1x protein loading dye (0.5% Sodium dodecyl Sulfate, 0.002% Bromophenol Blue, 10% glycerol, and 50 mM Tris-HCl pH6.8) at 95°C for 5 min. Samples were separated on 12% SDS-PAGE gel and blotted 1h to a PVDF membrane (pore size of 0.2 µm), using a semi-dry transfer. Blot was blocked with 10% milk in TBS-T o/n at 4°C without agitation. Blot was incubated in the primary antibody at a dilution of 1:5000 in 10% milk in TBS-T, at RT, for 1h with agitation. The antibody solution was decanted and the blot was rinsed briefly, then washed three times for 10 min in TBS-T at RT with agitation. Blot was incubated in Agrisera matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, AS09 602) diluted to 1:25 000 in 10% milk in TBS-T at RT for 1h with agitation. The blot was washed as above and developed for 2 min with ECL substrate. Exposure time was 11 minutes and 2 seconds.

Courtesy of Dr. Patrick Treffon, Elizabeth Vierling Lab Department of Biochemistry and Molecular Biology University of Massachusetts Amherst, USA