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**Product no** AS16 3838

# Anti-PARP2 | Poly [ADP-ribose] polymerase 2

## Product information

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| **Immunogen** | Recombinant *Arabidopsis thaliana* MBP-PARP2protein (AT2G31320) |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Purity** | Serum |
| **Format** | Lyophilized |
| **Quantity** | 50 µl |
| **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

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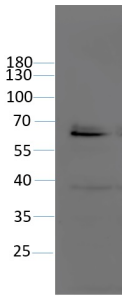
| **Recommended dilution** | 1: 1000 (WB) |
| **Expected \| apparent MW** | 72.2 kDa |
| **Confirmed reactivity** | *Arabidopsis thaliana* |
| **Not reactive in** | No confirmed exceptions from predicted reactivity are currently known |

**Application example**




100 µg of total protein from 14 days old *Arabidopsis thaliana* seedlings extracted with extraction buffer (2% SDS, 50 mM Tris-HCl, pH 8.0, protease inhibitor cocktail (Sigma, P9599) 1:100) and denatured with Laemmli sample loading buffer at 70°C for 10 min were separated on 10 % SDS-PAGE and blotted 2h to PVDF using tank transfer. Blots were blocked with 5% milk for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 in 1% milkTBS-T overnight with agitation at 4°C. 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 secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in 1% milk TBS-T for 1h at RT with agitation. The blot was washed as above and developed for 5 min with chemiluminescent detection reagent. Exposure time was 2-5 min.

Courtesy of Dr Julia Vainonen, University of Helsinki, Finland