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Product no AS16 4071

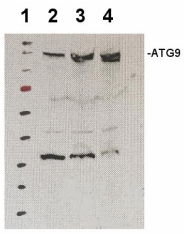
Anti-ATG9 | Autophagy-related protein 9 (N-terminal)

Product information

Immunogen	KLH-conjugated peptide derived from *Arabidopsis thaliana* ATG9 protein sequence, N-terminal part, UniProt: Q8RUS5, TAIR: AT2G31260
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 : 10 000 (WB)
Expected | apparent MW	99.5 | 100 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Brassica campestris, Brassica rapa subsp. pekinensis, Capsella rubella, Eutrema salsugineum* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known



Increasing amount of microsomal fraction of *Arabidopsis thaliana* cell culture (2,3,4). Microsomal protein was extracted accoring to Maudoux et al. (2000). and denatured with loading buffer (2 % SDS) at 37°C for 1h before SDS-PAGE gel electrophoresis and blotted to PVDF using semi-dry. Blots were blocked with 3 % nonfat milk + 0.1 % goat serum in TBS-T (Tween 20) for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 10 000 + 1 % goat serum for ON at 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 secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in TBS-T + 1 % goat serum for 1h at RT with agitation. The blot was washed as above and developed with chemiluminescent detection reagent. Exposure time was seconds.
Red marker band has apparent mass of 72 kDa.

Courtesy of Dr. Henri Batoko, University of Louvain, Belgium