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Product no AS15 3061

ATG7 | Ubiquitin-like modifier-activating enzyme atg7

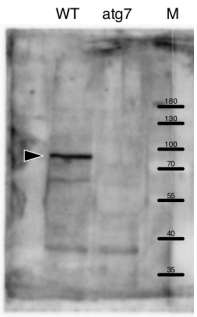
Product information

Immunogen	Recombinant *Arabidopsis thaliana* ATG7 UniProt Q94CD5, TAIR AT5G45900
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

Recommended dilution	1: 500 - 1: 5000 (WB)
Expected | apparent MW	76,5 | 80 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Actinidia chinensis var. chinensis, Cajanus cajan, Capsicum annuum, Corchorus olitorius, Cucumis melo, Glycine max, Glycine soja, Gossypium arboreum, Juglans regia, Malus domestica, Nelumbo nucifera, Nicotiana tabacum, Nicotiana benthamiana, Nicotiana sylvestris, Noccaea caerulescens, Prunus yedoensis var. nudiflora, Solanum chacoense, Solanum lycopersicum, Vigna radiata* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	CanGetSignal (Toyobo) is recommended for antibody incubation

Application example



50 µg of the soluble proteins (Sol) were extracted from *Arabidopsis thaliana* leaves with extract buffer without detergent (50mM Tris-HCl pH7.5, 150mM NaCl, 1mM EDTA). The proteins were denatured with sample buffer and boiling at 95°C for 5 min and 50 ug of proteins were separated on 10% SDS-PAGE and blotted for 1h to PVDF membrane using semi-dry transfer. The blot was blocked with 0.5 % milk for 1h/RT and washed in TBS-T for 5 minute twice. The blot was incubated in the primary antibody at a dilution of 1:5 000 in Can Get Signal solution for ON/4°C. The antibody solution was decanted and the blot was rinsed briefly three times, then washed once for 15 min in TBS-T at RT with agitation. The blot was incubated in Agrisera matching secondary antibody (anti-rabit IgG horse radish peroxidase conjugated AS09 602) diluted to 1:25 000 in TBS-T for 1h/RT with agitation. The blot was washed as above and developed for 3 min with Agrisera ECL SuperBright.

Exposure Courtesy Dr Shino Goto-Yamada, Malopolska Centre of Biotechnology (MCB) Jagiellonian University, Krakow, Poland