

ATG4 | Autophagy protein 4 (algal)

Cat PA01516

Size 50 µl

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Chlamydomonas reinhardtii, Chlorococcum dorsiventrale

Immunogen

recombinant ATG4 of Chlamydomonas reinhardtii, Gene ID Cre12.g510100

Host

Rabbit

Clonality

Polyclonal

Purity

Serum

Format

Lyophilized

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

Western blot (WB)

Recommended dilution

1 : 5000 (WB)

Expected | apparent MW

64,2 | 70 kDa

Confirmed reactivity

Chlamydomonas reinhardtii, Chlorococcum dorsiventrale

Predicted reactivity

Coccomyxa subellipsoidea C-169, Tetraselmis sp. GSL018, Volvox carteri

Not reactive in

Arabidopsis thaliana, Capsicum annuum, Nicotiana tabacum

Additional information

This antibody is recognizing 25 ng of recombinant CrATG4. This product can be sold containing ProClin if

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

ATG4 | Autophagy protein 4 (algal)

Cat PA01516

Size 50 µl



requested., Technical details how to work with this antibody are provided here: Pérez-Pérez et al. (2016). Control of Autophagy in Chlamydomonas Is Mediated through Redox-Dependent Inactivation of the ATG4 Protease. Plant Physiol. 2016 Dec;172(4):2219-2234.

Description

Autophagy protein 4 (ATG4) is a cysteine-type endopeptidase protein involved in autophagy.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY