FtsH3 + FtsH10 | ATP-dependent zinc metalloprotease FtsH3 + FtsH10 (mitochondrial)

CD BioSciences
Plant Protein

Cat *PA01091*

Size *200 μg*

Host
Rabbit

Clonality
Polyclonal

Confirmed reactivity
Arabidopsis thaliana

Immunogen
KLH-conjugated peptide dereived from sequences of Arabidopsis thaliana FtsH3 and FtsH10 with localization to mitochondria Q84WU8, At2g29080 and Q8VZI8, At1g07510

Host
Rabbit

Clonality
Polyclonal

Purity
Immunogen affinity purified serum in PBS pH 7.4.

Format
Lyophilized

Reconstitution
For reconstitution add 100 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
Blue Native PAGE (BN-PAGE), Western blot (WB)

Recommended dilution
1 : 500-1 : 1000 (WB)

Expected | apparent MW
80 kDa

Confirmed reactivity
Arabidopsis thaliana

Predicted reactivity
Arabidopsis thaliana

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/

FtsH3 + FtsH10 | ATP-dependent zinc metalloprotease FtsH3 + FtsH10 (mitochondrial)

CD BioSciences
Plant Protein

Cat *PA01091*

Size *200 μg*

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

Additional information

Blue-native (2D BN/SDS-PAGE) methodology is described in Piechota et al. 2010

Description

One of several classes of mitochondrial proteases is the membrane-bound, ATP-dependent FtsH protease. Their function is important for controlling the quality and quantity of proteins by degrading unassembled subunits. Other names :AtFtsH3, cell division protease ftsH homolog 3, mitochondrial, AtFtsH10, cell division protease ftsH homolog 10, mitochondria

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/