

ALEU | Thiol protease aleurain

Cat PA00402

Size 100 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana

Immunogen

Recombinant, His6-tagged, ALEU protein from *Arabidopsis thaliana*, UniProt: Q8H166, TAIR: At5g60360

Host

Rabbit

Clonality

Polyclonal

Purity

Total IgG. Protein A purified in PBS, 50% glycerol. Filter sterilized.

Format

Liquid at 2 mg/ml.

Storage

Store 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: 1000 - 1: 4000 (WB)

Expected | apparent MW

38,9 | 24 kDa

Confirmed reactivity

Arabidopsis thaliana

Predicted reactivity

Brassica oleracea, *Camelina sativa*, *Capsella rubella*, *Eutrema salsugineum*, *Raphanus sativus*

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

Description

During aging and starvation, Aleu proteins may play a role in the mobilization of nitrogen resulting from protein hydrolysis. Catalytic activity: Hydrolyzes proteins as aminopeptidases (in particular, cutting ARG-|-xaa bonds) and endopeptidases. Cell location: vacuole. Alternative name: aging-related gene products2

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