

OLE2 | Oleosin 21,2 kDa

Cat PA01251

Size 200 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana

Immunogen

Conjugated peptide, derived from *Arabidopsis thaliana* oleosin OLE2, UniProt: Q39165, TAIR: At5g40420

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: 10 000 - 1: 20 000 (WB)

Expected | apparent MW

21 | 19 kDa

Confirmed reactivity

Arabidopsis thaliana

Predicted reactivity

Camelina sativa, *Capsella rubella*, *utrema salsugineum*. *Raphanus sativus*

Not reactive in

Glycine max

Description

During seed drying, oleosides may have a structural role in stabilizing liposomes by preventing the aggregation of oils. May interact with the lipid and phospholipid parts of liposomes. It may also provide identification signals for specific lipase anchoring during seedling growth. Oil red also improves the overwintering vigor of oilseeds by preventing abnormal oil body fusion during spring imbibition. Cell location: oil body surface.

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