Agrisera
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This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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Product no AS19 4337

Anti-AO | L-ascorbate oxidase

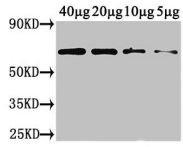
Product information

Immunogen	Recombinant *Cucurbita maxima* L-ascorbate oxidase protein, amino acids: 31-579. UniProt: P24792
Host	Rabbit
Clonality	Polyclonal
Purity	>95%, Protein G purified to a total immunoglobulin G fraction.
Format	Liquid
Quantity	50 µg
Storage	Store at -20°C or -80°C, avoid repeated freeze-thaw cycles. 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.
Additional information	Preservative: 0.03% Proclin 300. Preparation contains: 50% Glycerol, 10 mM PBS, pH 7.4 Reactivity of this antibody on endogenous material remains to be determined.

Application information

Recommended dilution	1 : 1000 - 1: 5000 (WB)
Expected | apparent MW	65 kDa
Confirmed reactivity	*Cucurbita maxima*
Predicted reactivity	*Cucumis melo, Cucumis sativus, Nelumbo nucifera, Theobroma cacao* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Reactivity of this antibody on endogenous material remains to be determined

application example



40, 20, 10 and 5 µg of *Cucurbita maxima* recombinant AO were separated on 8 % SDS-PAGE and blotted 1h to PVDF using semi-dry transfer. Blot was blocked with 5 % milk in PBS-T for 2h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 3 µg/ml in PBS-T 1h/RT with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed 4 times for 10 min. in PBS-T at RT with agitation. Blot was incubated in the matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:50 000 in for 1h/RT with agitation. The blot was washed as above and developed with chemiluminescent detection reagent, following manufacture's instructions.