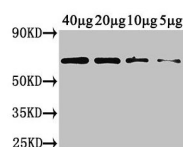


Product no **AS19 4337****Anti-AO | L-ascorbate oxidase****Product information**

|                               |  |
|-------------------------------|--|
| <b>Immunogen</b>              | Recombinant <i>Cucurbita maxima</i> L-ascorbate oxidase protein, amino acids: 31-579. UniProt: <a href="#">P24792</a>  |
| <b>Host</b>                   | Rabbit   |
| <b>Clonality</b>              | Polyclonal   |
| <b>Purity</b>                 | >95%, Protein G purified to a total immunoglobulin G fraction.   |
| <b>Format</b>                 | Liquid   |
| <b>Quantity</b>               | 50 µg  |
| <b>Storage</b>                | 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. |
| <b>Additional information</b> | Preservative: 0.03% Proclin 300. Preparation contains: 50% Glycerol, 10 mM PBS, pH 7.4<br>Reactivity of this antibody on endogenous material remains to be determined.   |

**Application information**

|                               |  |
|-------------------------------|--|
| <b>Recommended dilution</b>   | 1 : 1000 - 1 : 5000 (WB)   |
| <b>Expected   apparent MW</b> | 65 kDa   |
| <b>Confirmed reactivity</b>   | <i>Cucurbita maxima</i>  |
| <b>Predicted reactivity</b>   | <i>Cucumis melo</i> , <i>Cucumis sativus</i> , <i>Nelumbo nucifera</i> , <i>Theobroma cacao</i><br>Species of your interest not listed? <a href="#">Contact us</a> |
| <b>Not reactive in</b>        | No confirmed exceptions from predicted reactivity are currently known  |
| <b>Additional information</b> | 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.