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Product Datasheet

Anti-AOX1/2 | Plant alternative oxidase 1 and 2, Rabbit, Polyclonal AGR-AS04-054

Article Name	Anti-AOX1/2 Plant alternative oxidase 1 and 2, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS04-054
Supplier Catalog Number	AS04-054
Alternative Catalog Number	AGR-AS04-054
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	IL, WB
Species Reactivity	A. thaliana, Plant
Immunogen	KLH-conjugated synthetic peptide derived from fully conserved C-terminal consensus motif from plant AOX isoforms including Arabidopsis thaliana AOX1A. UniProt: Q39219, TAIR: At3g22370, AOX1B UniProt: O23913, TAIR:AT3G22360, AOX1C UniProt: O22048, TAIR: AT3G27620, and AOX2, UniProt: O22049, TAIR: AT5G64210, Solanum lycopersicum UniProt: Q7XBG9, Oryza sativa UniProt: Q7XT33, AOX1D, TAIR: AT1G32350
Product Description	Alternative oxidases (AOX) are quinol oxidases located in the inner mitochondrial membrane of plants. They function as terminal oxidases in the alternate electron transport pathway, oxidizing ubiquinone to reduce oxygen to water....
Clonality	Polyclonal
Molecular Weight	36-40 36-40 for Arabidopsis thaliana

NCBI	821806
UniProt	Q39219
Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 750 (IL), 1 : 1000 for 10-20 µg of mitochondrial protein/lane detection (WB)
Application Notes	According to Konert et al. (2015) AOX antibody is recognizing AOX1A and AOX1D. This product can be sold containing ProClin if requested.