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Product Datasheet

Anti-ACO1 | Aconitase, Polyclonal AGR-AS09-521

Artikelname	Anti-ACO1 Aconitase, Polyclonal
Artikelnummer	AGR-AS09-521
Hersteller Artikelnummer	AS09-521
Alternativnummer	AGR-AS09-521
Hersteller	Agrisera
Wirt	Rabbit
Kategorie	Antikörper
Applikation	WB
Spezies Reaktivität	Plant
Immunogen	Arabidopsis ACO1 (AT4G35830, Q42560), codon 120 - 898 (C-terminus), was cloned in fusion with a N-terminal 6xHis tag, and over-expressed in E. coli. All recombinant protein accumulated in inclusion bodies, which were purified by centrifugation and solubi
Produktbeschreibung	Aconitase is a single subunit enzyme of the tricarboxylic acid cycle (or Krebs cycle) in the mitochondria. A cytosolic isoform is also part of the glyoxylate cycle. Aconitase catalyzes the dehydration / hydration of citrate to iso-citrate, via cis-ac...
Klonalität	Polyclonal
Molekulargewicht	98 kDa, Note that ACO1, ACO2 and ACO3 cannot be distinguished in size by standard SDS-PAGE,
NCBI	829737

UniProt	Q42560
Reinheit	Serum
Formulierung	Lyophilized
Antibody Type	Polyclonal Antibody
Application Verdünnung	1 : 5 000 -1 : 10 000 (WB), At higher concentrations the antibody binds aspecifically resulting in non-specific signals around 60 kDa, including Rubisco subunits
Anwendungsbeschreibung	The antibody recognises all three Arabidopsis aconitase isoforms (ACO1, ACO2 and ACO3, see Bernard et al 2009), Possible differences in affinity have not been precisely quantified, Sensitivity threshold is between 2 and 10 ng for WB / ECL (see figure), A