

Product Data Sheet

Anti-ACO1 Antibody

Catalog #	Source	Reactivity	Applications
CPZ0004	Rabbit	At	WB
Description	Rabbit polyclonal antibody to ACO1		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of arabidopsis thaliana ACO1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ACO1 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000)		
Gene Symbol	ACO1		
Alternative Names	ACO; Aconitate hydratase 1; Aconitase 1; Citrate hydro-lyase 1		
Entrez Gene	829737 (Human)		
SwissProt	Q42560 (Human)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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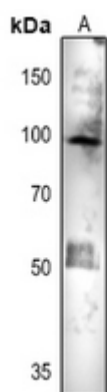
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Western blot analysis of ACO1 expression in Arabidopsis thaliana (A) whole cell lysates. (Predicted band size: 98 kD; Observed band size: 98 kD)

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