

Datasheet for ABIN7445504

anti-Aconitase 1 antibody (AA 329-443)**6** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Aconitase 1 (ACO1)
Binding Specificity:	AA 329-443
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aconitase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Aconitase 1 (ACO1)
Immunogen:	Recombinant Aconitase 1 (ACO1) corresponding to Lys329~Pro443 (Accession # P28271) with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ACO1. It has been selected for its ability to recognize ACO1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

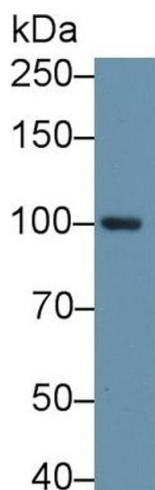
Target:	Aconitase 1 (AC01)
Alternative Name:	Aconitase 1 (AC01 Products)
Background:	IREB1, IRP1, IREBP, Iron regulatory protein 1, Iron-responsive element-binding protein 1, Cytoplasmic aconitate hydratase, Citrate hydro-lyase, Ferritin repressor protein
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:250-2500 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

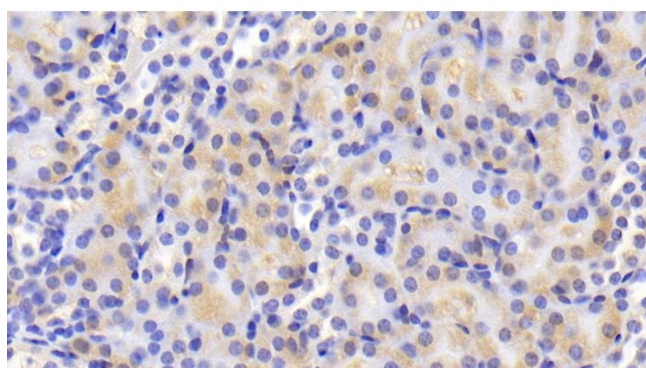
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



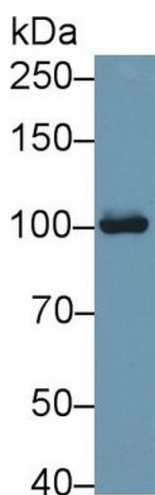
Western Blotting

Image 1. Detection of ACO1 in Human HepG2 cell lysate using Polyclonal Antibody to Aconitase 1 (ACO1)



Immunohistochemistry

Image 2. Detection of ACO1 in Mouse Kidney Tissue using Polyclonal Antibody to Aconitase 1 (ACO1)



Western Blotting

Image 3. Detection of ACO1 in Porcine Liver lysate using Polyclonal Antibody to Aconitase 1 (ACO1)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7445504.