

Datasheet for ABIN7438538
anti-Aconitase 1 antibody (AA 458-586)



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1 Image

Overview

Quantity:	100 µL
Target:	Aconitase 1 (ACO1)
Binding Specificity:	AA 458-586
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aconitase 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Polyclonal Antibody to Aconitase 1 (ACO1)
Immunogen:	Recombinant Aconitase 1 (ACO1) corresponding to Asp458~Leu586 (Accession # P21399)
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:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

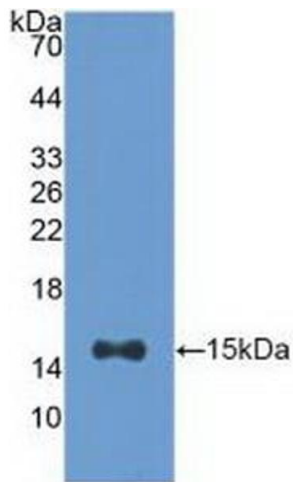
Target:	Aconitase 1 (AC01)
Alternative Name:	Aconitase 1 (AC01 Products)
Background:	IREB1, IRP1, IREBP, Iron regulatory protein 1, Iron-responsive element-binding protein 1, Cytoplasmic aconitate hydratase, Citrate hydro-lyase, Ferritin repressor protein
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL 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 Recombinant ACO1, Human using Polyclonal Antibody to Aconitase 1 (ACO1)