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anti-Aconitase 1 antibody (AA 251-443)



Images



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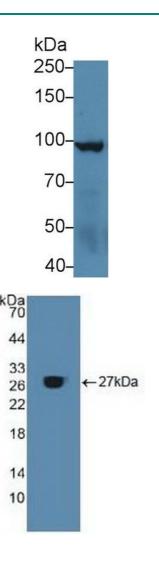
Quantity:	100 μL
Target:	Aconitase 1 (ACO1)
Binding Specificity:	AA 251-443
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aconitase 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Polyclonal Antibody to Aconitase 1 (ACO1)
Immunogen:	Recombinant Aconitase 1 (ACO1) corresdonding to Pro251~Pro443 (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, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Aconitase 1 (ACO1)
Aconitase 1 (ACO1 Products)
IREB1, IRP1, IREBP, Iron regulatory protein 1, Iron-responsive element-binding protein 1,
Cytoplasmic aconitate hydratase, Citrate hydro-lyase, Ferritin repressor protein
Transition Metal Ion Homeostasis
Western blotting: 1-5 μg/mL Immunocytochemistry in formalin fixed cells: 5-20 μg/mL
Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu g/mL$ 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.
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.
For Research Use only
Liquid
0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
ProClin
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
handled by trained staff only.
4 °C,-20 °C
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.
24 months

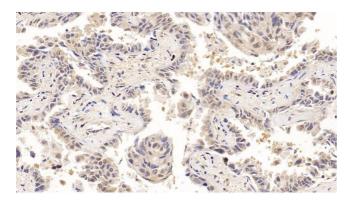


Western Blotting

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

Western Blotting

Image 2. Detection of Recombinant ACO1, Human using Polyclonal Antibody to Aconitase 1 (ACO1)



Immunohistochemistry

Image 3. Detection of ACO1 in Human Lung cancer Tissue using Polyclonal Antibody to Aconitase 1 (ACO1)

Please check the product details page for more images. Overall 9 images are available for ABIN7438541.