antibodies

Datasheet for ABIN1857867 anti-Aconitase 1 antibody (AA 527-719)

4 Images



Overview

Quantity:	100 µL
Target:	Aconitase 1 (ACO1)
Binding Specificity:	AA 527-719
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aconitase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

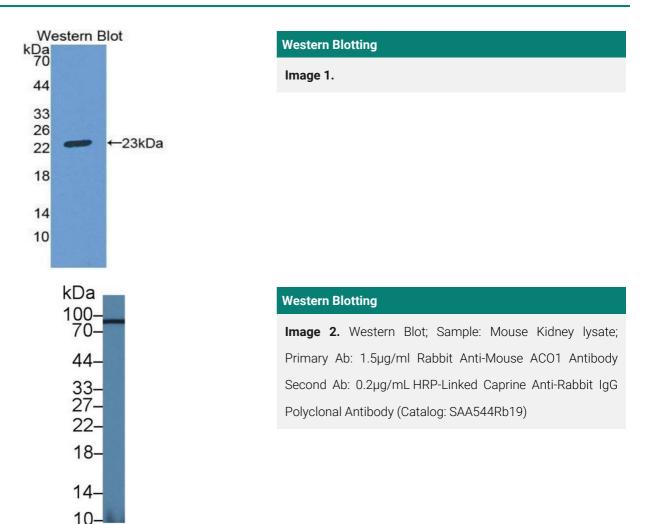
Product Details

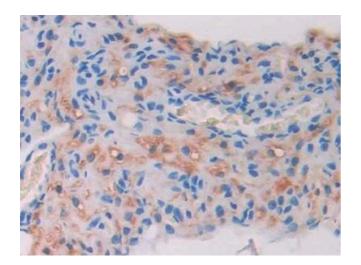
Immunogen:	AC01 (Val527-Met719)
Isotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ACO1. It has been selected for its ability to recognize ACO1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography
Target Details	
Target:	Aconitase 1 (ACO1)
Alternative Name:	Aconitase 1 (ACO1 Products)
Background:	Alternative Names: IREB1, IRP1, IREBP, Iron regulatory protein 1, Iron-responsive element-

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	binding protein 1, Cytoplasmic aconitate hydratase, Citrate hydro-lyase, Ferritin repressor protein
Pathways:	Transition Metal Ion Homeostasis
Application Details	
Application Notes:	• Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 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
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled.
	Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or
	eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a
	physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute
	azide-containing compounds in running water before discarding to avoid accumulation of
	potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C
Storage Comment:	Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.
Expiry Date:	12 months

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Immunohistochemistry

Image 3. Used in DAB staining on fromalin fixed paraffinembedded stomach tissue

Please check the product details page for more images. Overall 4 images are available for ABIN1857867.

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