antibodies - online.com







anti-Aconitase 1 antibody (N-Term)





Overview

Overview	
Quantity:	100 μL
Target:	Aconitase 1 (ACO1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aconitase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)
Product Details	

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Aconitase 1.
Specificity:	Recognizes endogenous levels of Aconitase 1 protein.
Characteristics:	Rabbit polyclonal antibody to Aconitase 1
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	Aconitase 1 (ACO1)
Alternative Name:	Aconitase 1 (ACO1 Products)

Target Details

Background:	IREB1, Cytoplasmic aconitate hydratase, Aconitase, Citrate hydro-lyase, Ferritin repressor protein, Iron regulatory protein 1, IRP1, Iron-responsive element-binding protein 1, IRE-BP 1
Gene ID:	48, 11428, 50655
UniProt:	P21399, P28271, Q63270
Pathways:	Transition Metal Ion Homeostasis

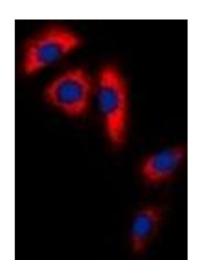
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

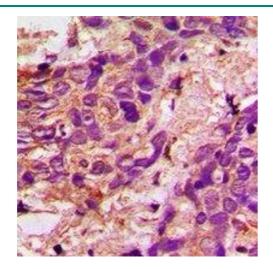
Format:	Liquid
Buffer:	Liquid in PBS, pH 7.3, 0.2 % BSA, and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



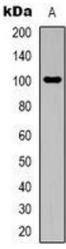
Immunofluorescence

Image 1. Immunofluorescent analysis of Aconitase 1 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary ant



Immunohistochemistry

Image 2. Immunohistochemical analysis of Aconitase 1 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incu



Western Blotting

Image 3. Western blot analysis of Aconitase 1 expression in Hela (A) whole cell lysates.