antibodies

## Datasheet for ABIN5539676 anti-ACO2 antibody (AA 541-555) (Biotin)



1 Image



Quantity:	100 µg
Target:	ACO2
Binding Specificity:	AA 541-555
Reactivity:	Human, Rat, Mouse, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ACO2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose: Sequence:	Aconitase 2 (aa541-555), Biotinylated CQDTYQHPPK DSSGQH.
Sociopoo:	CQDTYQHPPK DSSGQH.
Sequence.	
lsotype:	lgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified
Target Details	
Target:	AC02

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Target Details	
Alternative Name:	ACO2 (ACO2 Products)
Background:	ACO2, aconitase 2, ACONM, HEL-S-284, ICRD, OCA8, OPA9, aconitase 2, mitochondrial, citrate hydro-lyase, epididymis secretory sperm binding protein Li 284, mitochondrial aconitase
Gene ID:	50
NCBI Accession:	NP_001089
Application Details	
Application Notes:	Western Blot: Approx 90 kDa band observed in Human Heart lysates, in Human, Mouse and Rat Adipose lysates and in Mouse, Rat and Pig Skeletal Muscle lysates (calculated MW of 85.4 kDa according to NP_001089.1). Recommended concentration: 0.01-0.03 µg/mL. See Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

250kDa 150kDa	Western Blotting
100kDa 75kDa	Image 1. Biotinylated ABIN5539676 (0.01 $\mu$ g/ml) staining
50kDa	of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by
37kDa	chemiluminescence.
25kDa	
20kDa	
15kDa	

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