

## ACO2 Rabbit Polyclonal Antibody

Catalog No: #54780

Package Size: #54780-1 50ul #54780-2 100ul

Orders: order@signalwayantibody.com

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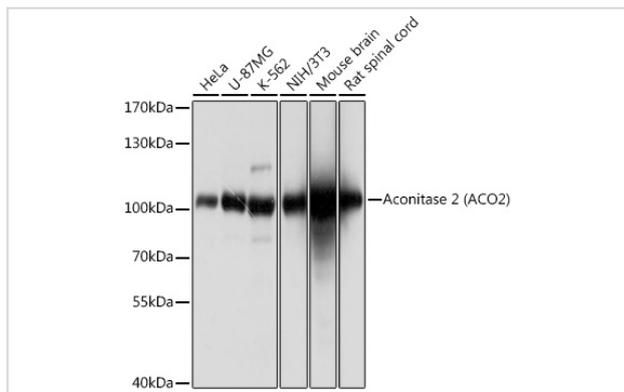
## Description

Product Name	ACO2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human Aconitase 2 (Aconitase 2 (ACO2)) (NP_001089.1).
Other Names	ACO2;ACONM;HEL-S-284;ICRD;OCA8;OPA9
Accession No.	Uniprot:Q99798GeneID:50
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GeneID	50
Calculated MW	85kDa
SDS-PAGE MW	105kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using Aconitase 2 (Aconitase 2 (ACO2)) antibody.

## Background

The protein encoded by this gene belongs to the aconitase/IPM isomerase family. It is an enzyme that catalyzes the interconversion of citrate to isocitrate via cis-aconitate in the second step of the TCA cycle. This protein is encoded in the nucleus and functions in the mitochondrion. It was found to be one of the mitochondrial matrix proteins that are preferentially degraded by the serine protease 15 (PRSS15), also known as Lon protease, after

oxidative modification.

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Note: This product is for in vitro research use only