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**Product Name: Aconitase 2 Rabbit Monoclonal antibody****Catalog #: AMRe02886**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Concentration</b>	0.2mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 85 kDa; Observed MW: 85 kDa

**Antigen Information**

<b>Gene Name</b>	ACO2
<b>Alternative Names</b>	Aconitate hydratase; mitochondrial; Aconitase; Citrate hydro-lyase
<b>Gene ID</b>	50
<b>SwissProt ID</b>	Q99798
<b>Immunogen</b>	A synthetic peptide of human Aconitase 2

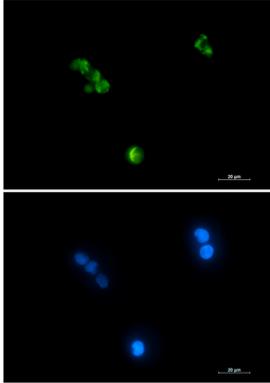
**Background**

Catalyzes the isomerization of citrate to isocitrate via cis-aconitate.

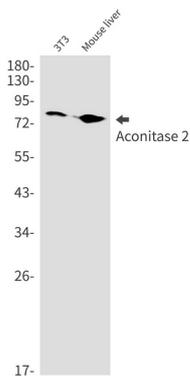
## Research Area

Tags & Cell Markers

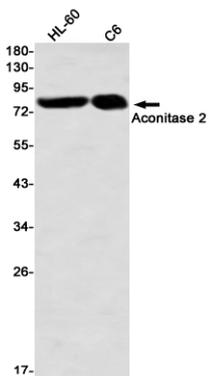
## Image Data



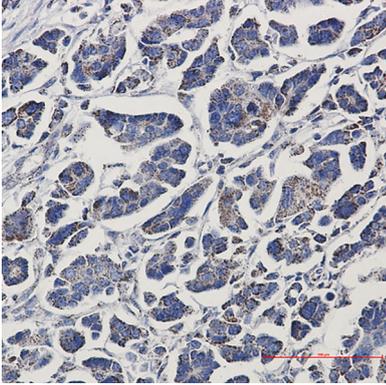
Immunocytochemistry analysis of Aconitase 2 (green) in CEM using Aconitase 2 antibody, and DAPI (blue).



Western blot analysis of Aconitase 2 in 3T3, mouse liver lysates using Aconitase 2 antibody.



Western blot analysis of Aconitase 2 in HL-60, C6 lysates using Aconitase 2 antibody



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Aconitase 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.