

Product Name: Aconitase 2 Rabbit Monoclonal Antibody**Catalog #: AMRe02885**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.39mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 85 kDa; Observed MW: 85 kDa

Antigen Information

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

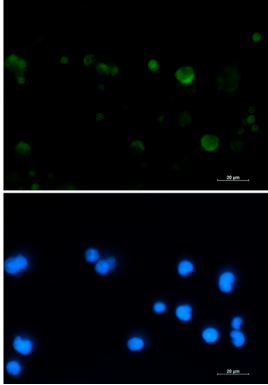
Background

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

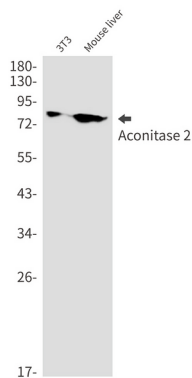
Research Area

Tags & Cell Markers

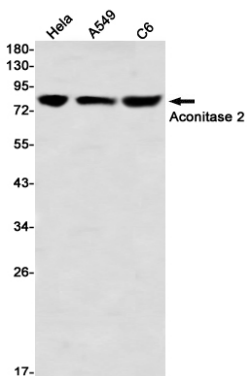
Image Data



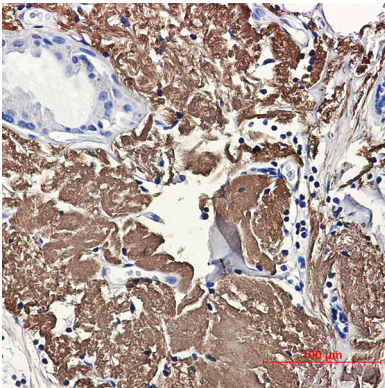
Immunocytochemistry analysis of Aconitase 2 (green) in CEM using Aconitase 2 antibody, and DAPI (blue).



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



Western blot analysis of Aconitase 2 in HeLa, A549, C6 lysates using Aconitase 2 antibody.



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