

**DATASHEET**

**Aconitase 2 Rabbit Polyclonal Antibody**

CAT. NO. APA14302

**KEY FEATURES**

Target	Aconitase 2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

**BACKGROUND**

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

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

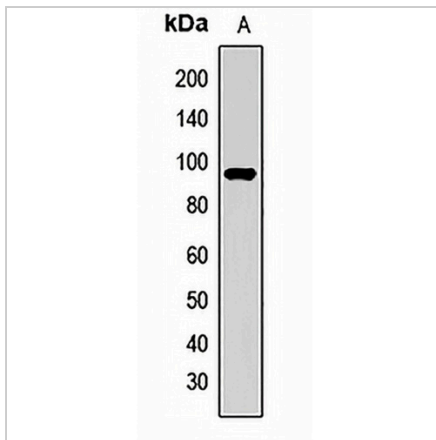
Description	Rabbit polyclonal antibody to Aconitase 2
Specificity	Recognizes endogenous levels of Aconitase 2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Aconitase 2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 85 kD; Observed: 95 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Aconitate hydratase mitochondrial; Aconitase; Citrate hydro-lyase
Gene Symbol	ACO2
Entrez Gene	50(Human); 11429(Mouse); 79250(Rat)
SwissProt	Q99798(Human); Q99KI0(Mouse); Q9ER34(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of Aconitase 2 expression in HeLa (A) whole cell lysates. (Predicted band size: 85 kD; Observed band size: 95 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.