

COX IV Rabbit mAb (AR1977)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG,Kappa
MW:	20 kD (Calculated) 17 kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
IP:	1:50-200
ELISA:	1:5000-20000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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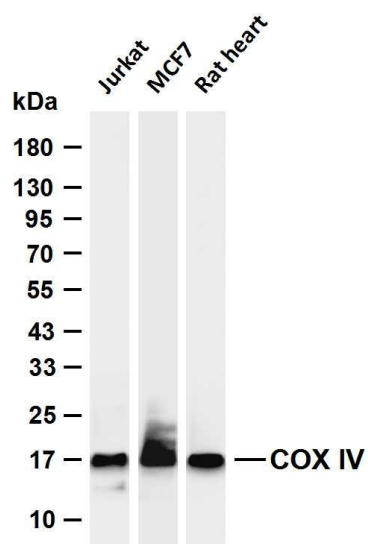
Target Information

Gene name	COX4I1
Protein Name	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial

Organism	Gene ID	UniProt ID
Human	1327	P13073
Mouse	12857	P19783
Rat	29445	P10888

Cellular Localization	Mitochondrion inner membrane
Tissue specificity	Ubiquitous.

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-COX IV antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

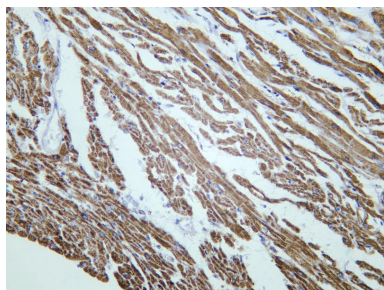
Lane 1: Jurkat

Lane 2: MCF7

Lane 3: Rat heart

Predicted band size: 20kDa

Observed band size: 17kDa



Human cardiac muscle was stained with anti-COX IV Rabbit antibody

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