

## 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

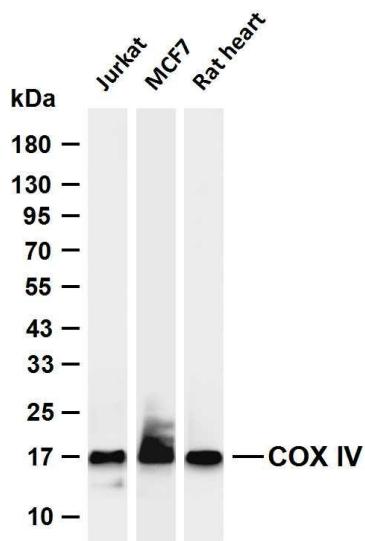
Gene name	COX4I1
Protein Name	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial

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

Cellular Localization	Mitochondrion inner membrane
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Tissue specificity	Ubiquitous.
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## 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.

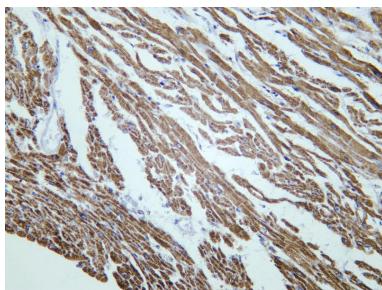
Lane 1: Jurkat

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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