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**Product Name: COX5A Rabbit Monoclonal Antibody****Catalog #: AMRe04016**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.3mg/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>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:17 kDa;Observed MW: 13 kDa

**Antigen Information**

<b>Gene Name</b>	COX5A
<b>Alternative Names</b>	cytochrome c oxidase subunit Va; VA; COX; COX-VA
<b>Gene ID</b>	9377
<b>SwissProt ID</b>	P20674
<b>Immunogen</b>	A synthetic peptide of human COX5A

**Background**

Component of the cytochrome c oxidase, the last enzyme in the mitochondrial electron transport chain which drives oxidative phosphorylation.

## Research Area

Metabolism; Pathways and Processes; Mitochondrial Metabolism; Oxidative phosphorylation; Complex IV

## Image Data

Western blot analysis of COX5A in HeLa, A431 lysates using COX5A antibody.

