

## ATP5A Rabbit mAb (AR1167)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	60kD (Calculated) 55kD (Observed)

### Recommended Dilution Ratios

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

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

Gene name	ATP5A1
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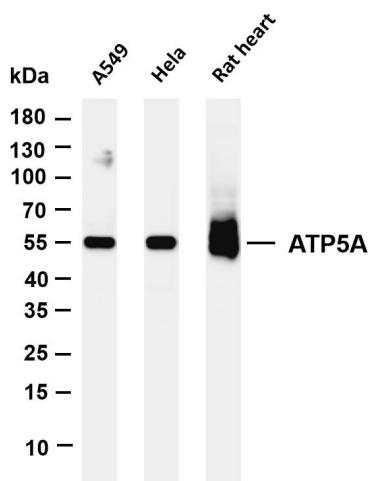
Protein Name	ATP synthase subunit alpha mitochondrial
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Organism	Gene ID	UniProt ID
Human	498	P25705
Mouse	11946	Q03265
Rat	65262	P15999

Cellular Localization	Mitochondrion
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Tissue specificity	Fetal lung, heart, liver, gut and kidney. Expressed at higher levels in the fetal brain, retina and spinal cord.
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## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ATP5A antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

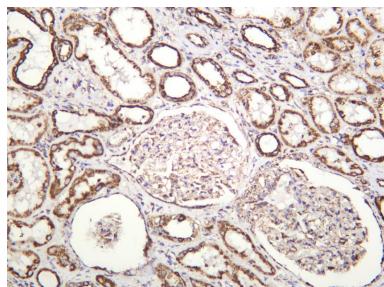
Lane 1: A549

Lane 2: HeLa

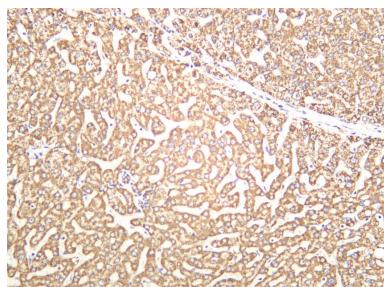
Lane 3: Rat heart

Predicted band size: 60kDa

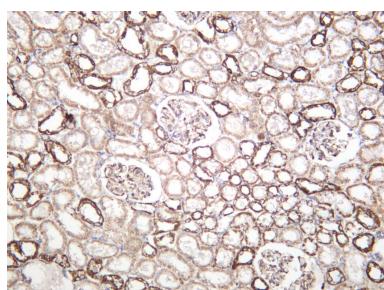
Observed band size: 55kDa



Human kidney was stained with anti-ATP5A rabbit antibody



Human liver was stained with anti-ATP5A rabbit antibody



Rat kidney was stained with anti-ATP5A rabbit antibody