

**phospho-AMPK alpha 1 (Ser356) Rabbit pAb**  
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**Catalog # AP94172**

## **Specification**

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### **phospho-AMPK alpha 1 (Ser356) Rabbit pAb - Product Information**

Application	IHC-P, WB
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

### **phospho-AMPK alpha 1 (Ser356) Rabbit pAb - Additional Information**

#### **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

#### **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

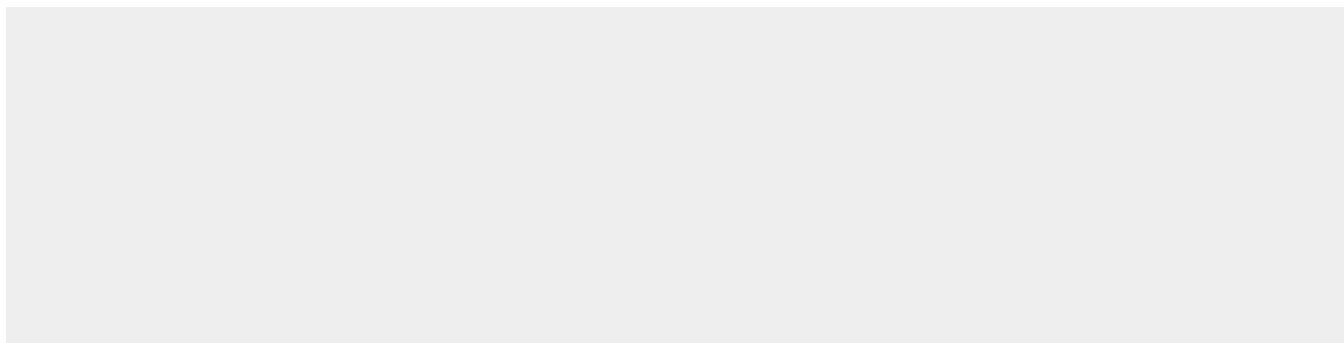
### **phospho-AMPK alpha 1 (Ser356) Rabbit pAb - Protein Information**

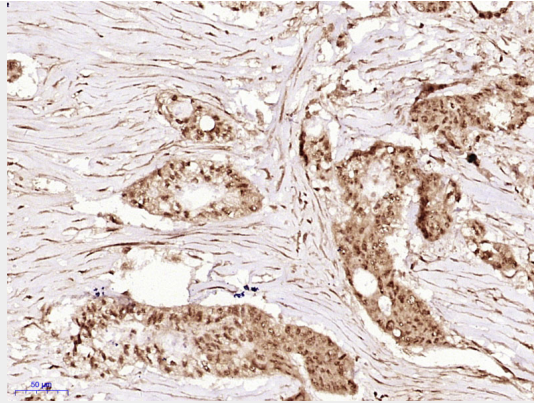
### **phospho-AMPK alpha 1 (Ser356) Rabbit pAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

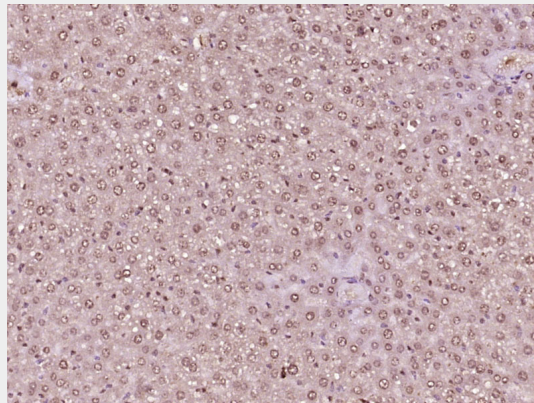
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **phospho-AMPK alpha 1 (Ser356) Rabbit pAb - Images**

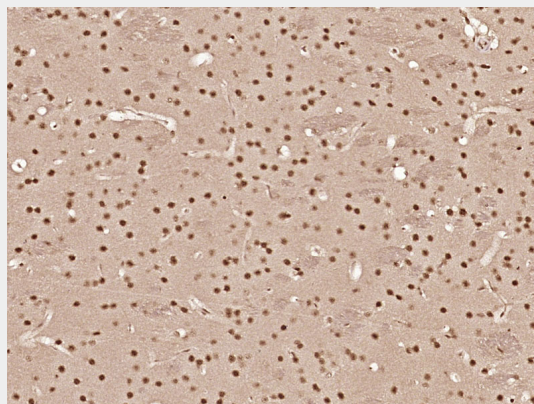




Paraformaldehyde-fixed, paraffin embedded (Human cervical carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-AMPK alpha 1 (Ser356)) Polyclonal Antibody, Unconjugated (AP94172) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

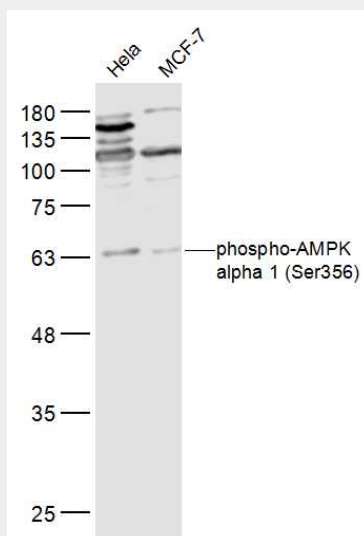


Paraformaldehyde-fixed, paraffin embedded (Mouse liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-AMPK alpha 1 (Ser356)) Polyclonal Antibody, Unconjugated (AP94172) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

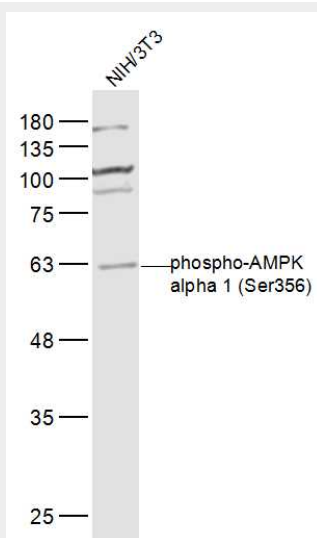


Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with

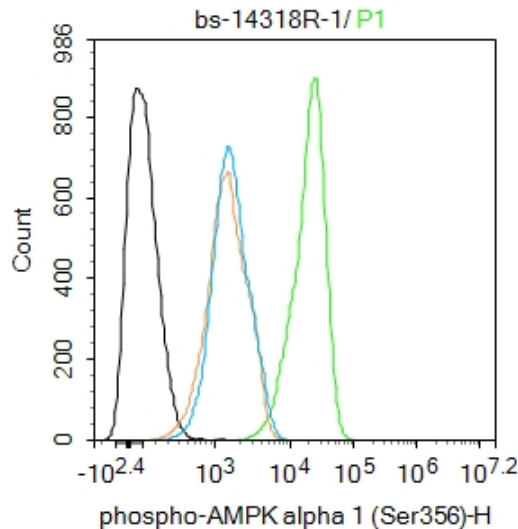
(phospho-AMPK alpha 1 (Ser356)) Polyclonal Antibody, Unconjugated (AP94172) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample: HeLa(Human) CellLysate at 30 ug MCF-7(Human) CellLysate at 30 ug Primary: Anti-phospho-AMPK alpha 1 (Ser356) (AP94172) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 63 kD Observed band size: 63 kD



Sample: NIH/3T3(Mouse) Cell Lysate at 30 ug Primary: Anti-phospho-AMPK alpha 1 (Ser356) (AP94172) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 63 kD Observed band size: 63 kD



Blank control—black line—:HepG2. Primary Antibody (green line): Rabbit Anti-phospho-AMPK alpha 1 (Ser356) antibody (AP94172) Dilution:1ug/Test; Secondary Antibody—white blue line—: Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control—orange line—: Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

#### **phospho-AMPK alpha 1 (Ser356) Rabbit pAb - Background**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.