

# AMPK $\gamma$ 1 Rabbit Poloclonal Anbtibody(F114)

Catalog No.: RA20272

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	38KD

### Applications

### Recommended Dilution

WB	1:1,000-2,000
IHC	1:100-200

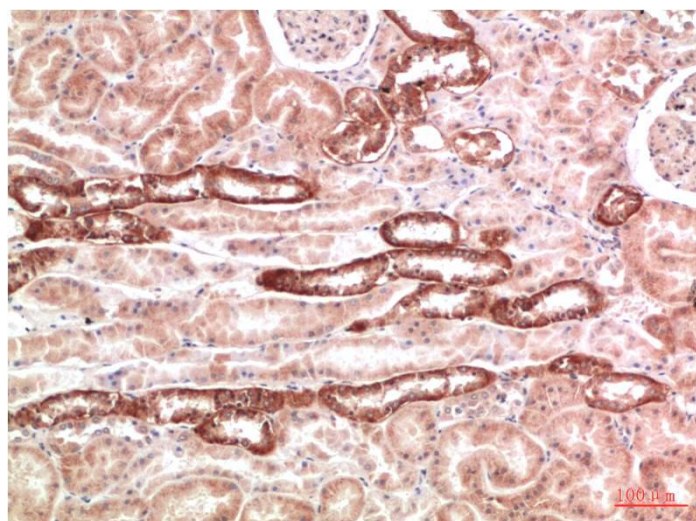
## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of Mouse Brain Tissue Lysate using AMPK  $\gamma$ 1 Rabbit pAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using AMPK  $\gamma$ 1 Rabbit pAb diluted at 1:200.

## Background

AMP-activated protein kinase (AMPK) is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. AMPK is a heterotrimeric complex composed of a catalytic  $\alpha$  subunit and regulatory  $\beta$  and  $\gamma$  subunits, each of which is encoded by two or three distinct genes ( $\alpha$ 1,2;  $\beta$ 1,2;  $\gamma$ 1,2,3).