

## AMPK alpha 1 Rabbit pAb

db1167

Package : 20μL 50μL 100μL

**Product Name** : AMPK alpha 1 Rabbit pAb**Cat.No.:** db1167**Synonyms** : AMPK; AMPKa1**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The protein encoded by this gene belongs to the ser/thr protein kinase family. It is the catalytic subunit of the 5'-prime-AMP-activated protein kinase (AMPK). AMPK is a cellular energy sensor conserved in all eukaryotic cells. The kinase activity of AMPK is activated by the stimuli that increase the cellular AMP/ATP ratio. AMPK regulates the activities of a number of key metabolic enzymes through phosphorylation. It protects cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human AMPK alpha 1

**Gene ID**

5562

**Swiss Prot**

Q13131

**Synonyms**

AMPK; AMPKa1

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC, IP

**Recommended dilution**WB: 1:1000  
IHC: 1:50  
ICC/IF: 1:50  
FC: 1:20  
IP: 1:20**Calculated MW**

63 kDa

**Observed MW**

63 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.