

Recombinant

DGRmAb®

AMPK alpha 1 (DGR12278) Rabbit mAb (PBS Only)

db15794-PBS

Package : 100µg

Product Name : AMPK alpha 1 (DGR12278) Rabbit mAb (PBS Only)**Cat.No.:** db15794-PBS**Synonyms** : AMPK; AMPKa1**Application** : WB, IHC-P, 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-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

FC: 1:100-1:200

IP: 1:50

Calculated MW

63 kDa

Observed MW

63 kDa

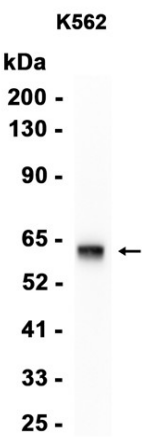
Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR12278
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562 cells using [db15794](#)