

AMPK γ 1/2/3 Rabbit pAb

CatalogNo: YT0221

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IF, ELISA

MW

- 38kD (Observed)

Isotype

- IgG

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IF 1:200-1:1000

ELISA 1:5000

Not yet tested in other applications.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human PRKAG1/2/3. AA range:46-95

Specificity AMPK γ 1/2/3 Polyclonal Antibody detects endogenous levels of AMPK γ 1/2/3 protein.

Target Information

Gene name PRKAG1/PRKAG2/PRKAG3

Protein Name 5'-AMP-activated protein kinase subunit gamma-1

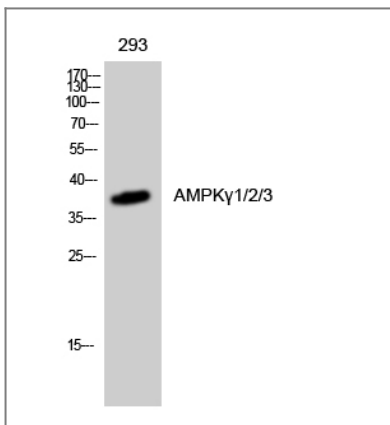
Organism	Gene ID	UniProt ID
Human	5571 ; 51422 ; 53632 ; ;	P54619 ; Q9UGJ0 ; Q9UGI9 ;
Mouse	19082 ; 108099 ; 241113 ;	
Rat	25520 ;	P80385 ;

Cellular Localization nucleoplasm,cytosol,membrane,nucleotide-activated protein kinase complex,extracellular exosome,

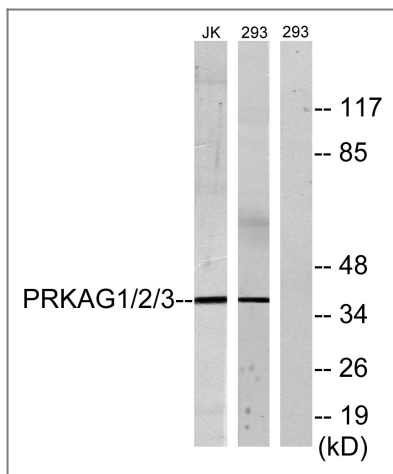
Tissue specificity Fetal liver,Muscle,Testis,

Function Function:AMPK is responsible for the regulation of fatty acid synthesis by phosphorylation of acetyl-CoA carboxylase. Also regulates cholesterol synthesis via phosphorylation and inactivation of hydroxymethylglutaryl-CoA reductase and hormone-sensitive lipase. This is a regulatory subunit.,similarity:Belongs to the 5'-AMP-activated protein kinase gamma subunit family.,similarity:Contains 4 CBS domains.,subunit:Heterotrimer of an alpha catalytic subunit, a beta and a gamma non-catalytic regulatory subunits. Interacts with FNIP1 and FNIP2.,

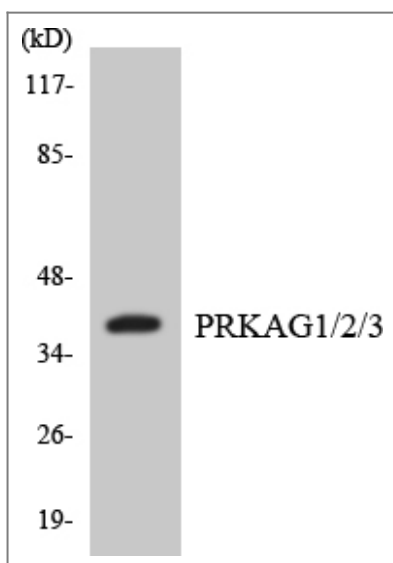
Validation Data



Western Blot analysis of 293 cells using AMPKγ1/2/3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western blot analysis of lysates from 293 and Jurkat cells, using PRKAG1/2/3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using PRKAG1/2/3 antibody.

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
AMPK γ 1/2/3 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)