

## Anti-PRKAG1 antibody

Cat. No. ml221616 Package 25 µl/100 µl/200 µl -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol Storage

Product overview	
Description	Anti-PRKAG1 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human PRKAG1
Reactivity	Human, Mouse, Rat
Content	0.1 mg/ml
Host species	Rabbit
lg class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification
Target information	
Symbol	PRKAG1
Full name	protein kinase, AMP-activated, gamma 1 non-catalytic subunit
Synonyms	AMPKG
Swissprot	P54619
	G
Target Background	dr.

## **Target Background**

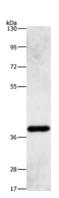
The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This subunit is one of the gamma regulatory subunits of AMPK. Alternatively spliced transcript variants encoding distinct isoforms have been observed.



## 订购热线: 4008-898-798

Applications Western blotting Predicted band size:38 kDa Positive control:Human fetal liver tissue Recommended dilution: 200-1000

Gel: 8%SDS-PAGE Lysate: 60 µg Lane: Human fetal liver tissue Primary antibody: ml221616(PRKAG1 Antibody) at dilution 1/500 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 5 minutes



## ELISA

Recommended dilution:1000-2000

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