

AMPK β 2 Polyclonal Antibody
Catalog # AP63586**Specification**

AMPK β 2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O43741
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

AMPK β 2 Polyclonal Antibody - Additional Information**Gene ID** 5565**Other Names**

PRKAB2; 5'-AMP-activated protein kinase subunit beta-2; AMPK subunit beta-2

Dilution

WB~~WB: 1:1000-2000

Format

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

AMPK β 2 Polyclonal Antibody - Protein Information**Name** PRKAB2**Function**

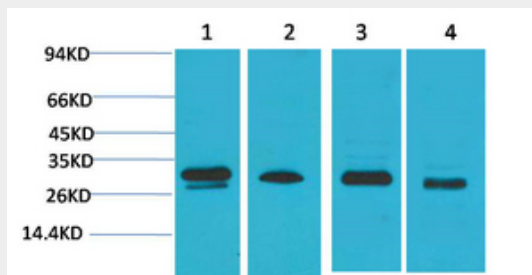
Non-catalytic subunit of AMP-activated protein kinase (AMPK), an energy sensor protein kinase that plays a key role in regulating cellular energy metabolism. In response to reduction of intracellular ATP levels, AMPK activates energy-producing pathways and inhibits energy-consuming processes: inhibits protein, carbohydrate and lipid biosynthesis, as well as cell growth and proliferation. AMPK acts via direct phosphorylation of metabolic enzymes, and by longer-term effects via phosphorylation of transcription regulators. Also acts as a regulator of cellular polarity by remodeling the actin cytoskeleton; probably by indirectly activating myosin. Beta non-catalytic subunit acts as a scaffold on which the AMPK complex assembles, via its C-terminus that bridges alpha (PRKAA1 or PRKAA2) and gamma subunits (PRKAG1, PRKAG2 or PRKAG3).

AMPK β 2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AMPK β 2 Polyclonal Antibody - Images



AMPK β 2 Polyclonal Antibody - Background

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