

Product Name: AMPK beta 1 Rabbit Polyclonal Antibody
Catalog #: APRab01389

Summary

Production Name	AMPK beta 1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,FC,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PRKAB1 5' '-AMP-activated protein kinase subunit beta-1; AMP-activated; noncatalytic; beta-1;
Alternative Names	AMPK; AMPK beta 1 chain; AMPK subunit beta-1; AMPK-BETA-1; AMPKb; HAMPKb; PRKAB1
Gene ID	5564
SwissProt ID	Q9Y478

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 FC: 1/50-1/100
Molecular Weight	Calculated MW: 30 kDa; Observed MW: 38 kDa

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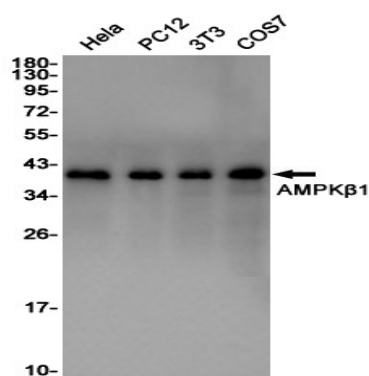
Background

AMP-activated protein kinase (AMPK) is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. AMPK is a heterotrimeric complex composed of a catalytic α subunit and regulatory β and γ subunits, each of which is encoded by two or three distinct genes ($\alpha 1, 2$; $\beta 1, 2$; $\gamma 1, 2, 3$).

Research Area

Signal Transduction

Image Data



Western blot analysis of AMPK β 1 in HeLa, PC-12, 3T3, COS7 lysates using AMPK beta 1 antibody.

Note

For research use only.