Product Name: AMPK beta 1 Mouse Monoclonal Antibody
Catalog #: AMM03614

Summary

Production Name	AMPK beta 1 Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	PRKAB1
Alternative Names	5' ' -AMP-activated protein kinase subunit beta-1; AMP-activated; noncatalytic; beta-1; 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
Molecular Weight	Calculated MW: 30 kDa; Observed MW: 38 kDa

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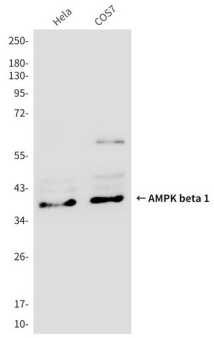
Background

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 (α1, 2; β1, 2; γ1, 2, 3).

Research Area

Signal Transduction

Image Data



Western blot analysis of AMPKβ1 in Hela, COS7 lysates using AMPK beta 1 antibody.

Note

For research use only.