

# Anti-AMPK beta 1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010673

## Product Information

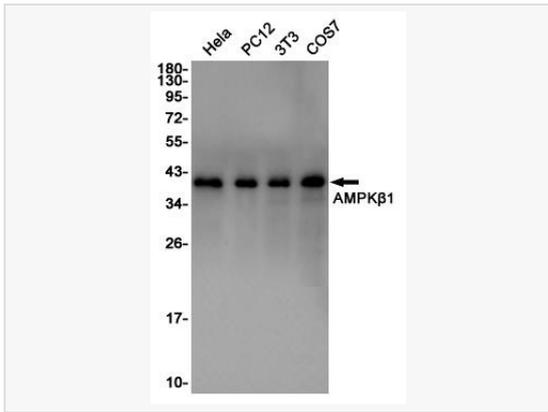
Application	WB, IHC-P/IF (Tissue-P), FC, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IP 1:20; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human AMPK beta 1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-AMPK beta 1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 30 kDa; Observed MW: 38 kDa
Uniprot ID	Q9Y478
Gene ID	5564
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 $\alpha$ subunit and regulatory $\beta$ and $\gamma$ subunits, each of which is encoded by two or three distinct genes ( $\alpha 1, 2$ ; $\beta 1, 2$ ; $\gamma 1, 2, 3$ ).

## Validation Images

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Western blot analysis of AMPKβ1 in HeLa, PC-12, 3T3, COS7 lysates using AMPK beta 1 antibody.