

bsm-61306R**[Primary Antibody]****AMPK gamma 1 Recombinant Rabbit mAb****BioSS**
ANTIBODIES

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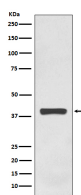
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000) Flow-Cyt (1:50-100) IP (1:20-50) Reactivity: Human, Mouse, Rat Predicted MW.: 38 Subcellular Location: Secreted ,Cytoplasm ,Nucleus
Clonality: Recombinant		
GeneID: 5571	SWISS: P54619	
Target: AMPK gamma 1		
Immunogen: A synthesized peptide derived from human AMPK gamma 1: 280-331/331.		
Purification: affinity purified by Protein A		
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
Background: AMPK is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. Accumulating evidence indicates that AMPK not only regulates the metabolism of fatty acids and glycogen, but also modulates protein synthesis and cell growth through EF2 and TSC2/mTOR pathways, as well as blood flow via eNOS/nNOS.		

— VALIDATION IMAGES —

Western blot analysis of HEK293 cell lysate.
Using AMPK gamma 1 (bsm-61306R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.