

Mouse AMPK gamma1 Monoclonal Antibody | anti-AMPKgamma1 antibody

AMPK gamma1 Mouse mAb (5H5)

CATALOG # AAA320464	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

AMPK gamma1; Monoclonal Antibody; AMPK gamma1 Mouse mAb (5H5); AMPKgamma1; 5'-AMP-activated protein kinase subunit gamma-1 (AMPK gamma1)(AMPK subunit gamma-1)(AMPKg); anti-AMPKgamma1 antibody

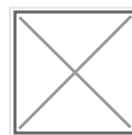
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	5H5
Specificity	This antibody detects endogenous levels of AMPK gamma1 at Human, Mouse,Rat
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AMPKgamma1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human AMPK gamma1
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



Application Data



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human ProstateTissue u

ADDITIONAL INFORMATION

Related Product Information for anti-AMPKgamma1 antibody	The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This subunit is one of the gamma regulatory subunits of AMPK. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-AMPKgamma1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	332000015
NCBI GeneID	5571
NCBI Accession #	NP_001193638.1
NCBI GenBank Nucleotide #	NM_001206709.1
UniProt Accession #	P54619
Molecular Weight	37,579 Da
NCBI Official Full Name	5'-AMP-activated protein kinase subunit gamma-1 isoform 3
NCBI Official Synonym Full Names	protein kinase, AMP-activated, gamma 1 non-catalytic subunit
NCBI Official Symbol	PRKAG1
NCBI Official Synonym Symbols	AMPKG
NCBI Protein Information	5'-AMP-activated protein kinase subunit gamma-1; AMPK gamma1; AMPK gamma-1 chain; 5'-AMP-activated protein kinase, gamma-1 subunit
UniProt Protein Name	5'-AMP-activated protein kinase subunit gamma-1
UniProt Gene Name	PRKAG1
UniProt Synonym Gene Names	AMPK gamma1; AMPK subunit gamma-1; AMPKg
UniProt Entry Name	AAKG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ampk-gamma1-antibody-clone-5h5-western-blot-immunohistochemistry-elisa/320464>