

Rabbit anti-Human AMPK gamma-2 Polyclonal Antibody | anti-AMPK gamma-2 antibody

AMPK gamma-2 antibody

CATALOG # AAA301009	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

AMPK gamma-2; Polyclonal Antibody; AMPK gamma-2 antibody; anti-AMPK gamma-2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	328
Applicable Applications for anti-AMPK gamma-2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 288 of AMPK gamma-2
Target Name	AMPK gamma-2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using AMPK gamma-2 antibody at 1: 200 dilution.



Application Data

Sample (30 ug of whole cell lysate)A: HeLa S310% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-AMPK gamma-2 antibody

AMP-activated protein kinase (AMPK) is a heterotrimeric protein composed of a catalytic alpha subunit, a noncatalytic beta subunit, and a noncatalytic regulatory gamma subunit. Various forms of each of these subunits exist, encoded by different genes. AMPK is an important energy-sensing enzyme that monitors cellular energy status and functions by inactivating key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This gene is a member of the AMPK gamma subunit family and encodes a protein with four cystathionine beta-synthase domains. Mutations in this gene have been associated with ventricular pre-excitation (Wolff-Parkinson-White syndrome), progressive conduction system disease and cardiac hypertrophy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

NCBI AND UNIPROT INFORMATION

NCBI GI #	100913189
NCBI GeneID	51422
NCBI Accession #	NP_077747
NCBI GenBank Nucleotide #	NM_024429.1
Molecular Weight	58,439 Da
NCBI Official Full Name	5'-AMP-activated protein kinase subunit gamma-2 isoform b
NCBI Official Synonym Full Names	protein kinase, AMP-activated, gamma 2 non-catalytic subunit
NCBI Official Symbol	PRKAG2
NCBI Official Synonym Symbols	AAKG; CMH6; WPWS; AAKG2; H91620p
NCBI Protein Information	5'-AMP-activated protein kinase subunit gamma-2
UniProt Protein Name	5'-AMP-activated protein kinase subunit gamma-2
UniProt Gene Name	PRKAG2
UniProt Synonym Gene Names	AMPK gamma2; AMPK subunit gamma-2
UniProt Entry Name	AAKG2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ampk-gamma-2-antibody-immunofluorescence-western-blot-elisa/301009>