

Rabbit AMPK gamma 1/2/3 Polyclonal Antibody | anti-PRKAG1 antibody

Anti-AMPK gamma 1/2/3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263909	Rabbit	Human, Mouse, Rat, Bovine, Pig	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

AMPK gamma 1/2/3; Polyclonal Antibody; Anti-AMPK gamma 1/2/3 Antibody; PRKAG1; 5'-AMP-activated protein kinase subunit gamma-1; AMPK gamma1; AMPK subunit gamma-1; AMPKg; PRKAG2; 5'-AMP-activated protein kinase subunit gamma-2; AMPK gamma2; AMPK subunit gamma-2; H91620p; PRKAG3; AMPKG3; 5'-AMP-activated protein kinase subunit gamma-3; AMPK gamma3; AMPK subunit gamma-3; anti-PRKAG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of AMPK gamma 1/2/3 protein.
Purity/Purification	Purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	340
Applicable Applications for anti-PRKAG1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AMPK gamma 1/2/3.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of AMPK gamma 1/2/3 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of AMPK gamma 1/2/3 expression in HEK293T (A), HepG2 (B), MCF7 (C), PC3 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKAG1 antibody	Rabbit polyclonal antibody to AMPK gamma 1/2/3
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	332000015
-----------	-----------

NCBI GeneID	5571
NCBI Accession #	NP_001193638.1
NCBI GenBank Nucleotide #	NM_001206709.1
UniProt Accession #	P54619; Q8N7V9; B4DDT7
Molecular Weight	34,084 Da
NCBI Official Full Name	5'-AMP-activated protein kinase subunit gamma-1 isoform 3
NCBI Official Synonym Full Names	protein kinase AMP-activated non-catalytic subunit gamma 1
NCBI Official Symbol	PRKAG1
NCBI Official Synonym Symbols	AMPKG
NCBI Protein Information	5'-AMP-activated protein kinase subunit gamma-1
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

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/polyclonal/ampk-gamma-1-2-3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/263909>