

Rabbit AMPK alpha 2 Polyclonal Antibody | anti-AMPKalpha2 antibody

Rabbit anti-AMPK alpha 2 Antibody

CATALOG # AAA222427	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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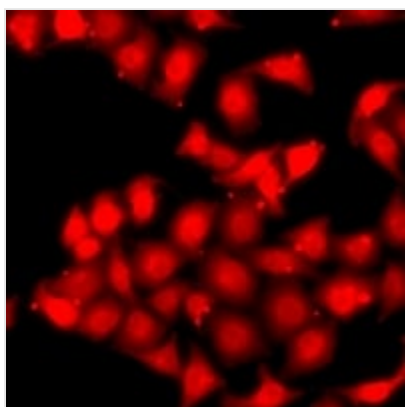
PRODUCT SYNONYMS

AMPK alpha 2; Polyclonal Antibody; Rabbit anti-AMPK alpha 2 Antibody; AMPK; AMPK2; 5'-AMP-activated protein kinase catalytic subunit alpha-2; AMPK subunit alpha-2; Acetyl-CoA carboxylase kinase; ACACA kinase; Hydroxymethylglutaryl-CoA reductase kinase; HMGCR kinase; anti-AMPKalpha2 antibody

PRODUCT SPECIFICATIONS

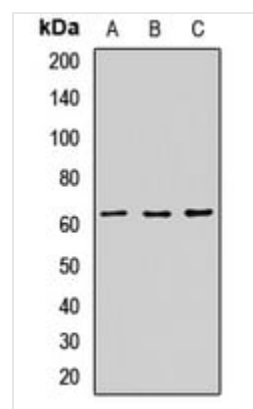
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-AMPKalpha2 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human AMPK alpha 2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of AMPK alpha 2 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 a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of AMPK alpha 2 expression in SW620 (A), mouse brain (B), rat heart (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AMPKalpha2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	786491
NCBI GeneID	5563
UniProt Accession #	P54646; Q8BRK8; Q09137; AAB32732
Molecular Weight	62,320 Da
NCBI Official Full Name	AMP-activated protein kinase, AMPK
NCBI Official Synonym Full Names	protein kinase, AMP-activated, alpha 2 catalytic subunit
NCBI Official Symbol	PRKAA2
NCBI Official Synonym Symbols	AMPK; AMPK2; PRKAA; AMPKa2
NCBI Protein Information	5'-AMP-activated protein kinase catalytic subunit alpha-2; ACACA kinase; HMGCR kinase; AMPK-alpha-2 chain; AMPK subunit alpha-2; acetyl-CoA carboxylase kinase; hydroxymethylglutaryl-CoA reductase kinase; AMP-activated protein kinase alpha-2 subunit varian
UniProt Protein Name	5'-AMP-activated protein kinase catalytic subunit alpha-2
UniProt Gene Name	PRKAA2
UniProt Synonym Gene Names	AMPK; AMPK2; AMPK subunit alpha-2; ACACA kinase; HMGCR kinase
UniProt Entry Name	AAPK2_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-alpha-2-antibody-immunochemistry-immunofluorescence-western-blot-elisa/222427>