

Rabbit anti-Human AMPK alpha 1/PRKAA1 Polyclonal Antibody | anti-AMPKalpha1/PRKAA1 antibody

Anti-AMPK alpha 1/PRKAA1 Antibody, Rabbit Polyclonal

CATALOG # AAA258778	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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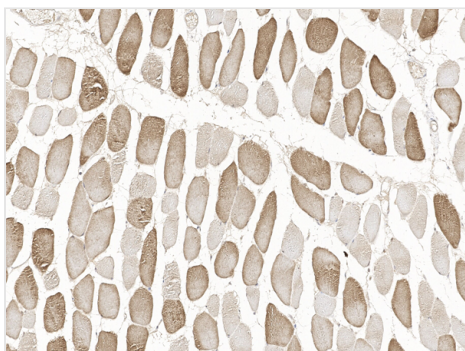
PRODUCT SYNONYMS

AMPK alpha 1/PRKAA1; Polyclonal Antibody; Anti-AMPK alpha 1/PRKAA1 Antibody; Rabbit Polyclonal; protein kinase; AMP-activated; alpha 1 catalytic subunit; Anti-AMPK Antibody; Anti-AMPKa1 Antibody; anti-AMPKalpha1/PRKAA1 antibody

PRODUCT SPECIFICATIONS

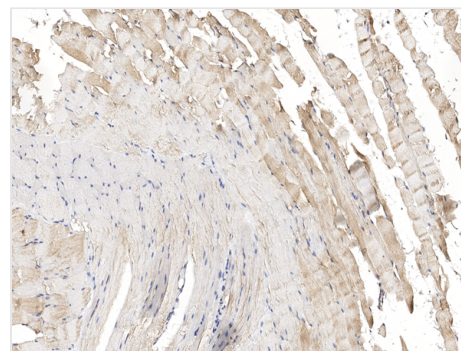
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-AMPKalpha1/PRKAA1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human AMPK alpha 1/PRKAA1
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human AMPK alpha 1/PRKAA1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



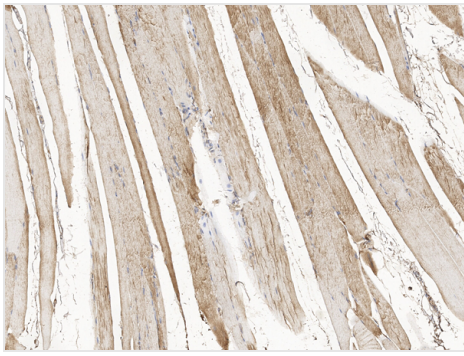
IHC (Immunohistochemistry)

Immunochemical staining of human PRKAA1 in human skeletal muscle with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of Mouse PRKAA1 in Mouse skeletal muscle with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of rat AA1 in rat skeletal muscle with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-AMPKalpha1/PRKAA1 antibody

The PRKAA1 gene encodes the catalytic alpha-subunit of 5' AMP-activated protein kinase (AMPK). AMPK is a cellular energy sensor that maintains energy homeostasis within the cell and is activated when the AMP/ATP ratio increases. Moreover, AMPK has been shown to be involved in inhibiting tumour growth and metastasis, and has also been implicated in the pathology of neurodegenerative and cardiac disorders. All 5 tested tag SNPs of the PRKAA1 gene (rs13361707, rs154268, rs3805486, rs6882903, and rs10074991) were significantly associated with gastric cancer. An inhibitor of PRKAA1 promoted the secretion of IL6, whereas an agonist of PRKAA1 suppressed the production of IL6.

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-1-prkaa1-antibody-immunohistochemistry-elisa/258778>