

Rabbit AMPK1 Polyclonal Antibody | anti-AMPK1 antibody

AMPK1 Antibody (Ser485/Ser491)

CATALOG # AAA226075	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

AMPK1; Polyclonal Antibody; AMPK1 Antibody (Ser485/Ser491); Rabbit Polyclonal AMPK1 Antibody (Ser485/Ser491); Polyclonal AMPK1 antibody; Anti-AMPK1 antibody; 5'-AMP-activated protein kinase catalytic subunit alpha-1 antibody; 5'-AMP-activated protein kinase catalytic alpha-1 chain antibody; AAPK1 antibody; AMP - activate kinase alpha 1 subunit antibody; AMP-activated protein kinase catalytic alpha-1 antibody; AMPK antibody; AMPK alpha 1 antibody; AMPK subunit alpha-1 antibody; AMPK1 antibody; AMPKa1 antibody; MGC33776 antibody; MGC57364 antibody; PRKAA1 antibody; protein kinase AMP-activated alpha 1 catalytic subunit antibody; anti-AMPK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	AMPK1 antibody (Ser485/Ser491) detects endogenous levels of AMPK1 only when phosphorylated at serine 485 or serine 491
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-AMPK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	AMPK1 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human AMPK1 around the phosphorylation site of serine 485/491 (S-G- SP-V-S) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extract from HeLa cells untreated or treated with heat shock (30min), using AMPK1/AMPK2 (phospho-Ser485/Ser491) antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using AMPK1 antibody (Ser485/Ser491)

ADDITIONAL INFORMATION

Related Product Information for anti-AMPK1 antibody

AMPK1 is a catalytic subunit of AMP-activated protein kinase (AMPK). Acts as an energy sensor, playing a key role in regulating cellular energy metabolism. A protein kinase of the CAMKL family whose activation is regulated by the balance between ADP/AMP/ATP, and intracellular Ca(2+) levels.

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/ampk1-antibody-immunohistochemistry-western-blot-elisa/226075>