

Mouse anti-Human AMPK alpha 1 Monoclonal Antibody | anti-AMPKalpha1 antibody

Anti-AMPK alpha 1 Antibody

CATALOG # AAA266070	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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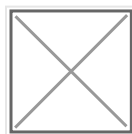
PRODUCT SYNONYMS

AMPK alpha 1; Monoclonal Antibody; Anti-AMPK alpha 1 Antibody; anti-AMPKalpha1 antibody

PRODUCT SPECIFICATIONS

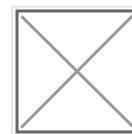
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of AMPK alpha 1 protein.
Form/Format	Mouse IgG1 kappa. Supplied in crude ascites with 0.01% sodium azide.
Applicable Applications for anti-AMPKalpha1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human AMPK alpha 1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of AMPK alpha 1 staining in human colon carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of AMPK alpha 1 expression in MCF7 (A), MDAMB468 (B) whole cell lysates. (Predicted band size: 64 kD; Observed band size: 64 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-AMPKalpha1 antibody	Mouse monoclonal antibody to AMPK alpha 1
Product Categories/Family for anti-AMPKalpha1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27469582
NCBI GeneID	5562

UniProt Accession #	Q13131 ; O00286 ; Q5D0E1 ; Q86VS1 ; Q9UNQ4 ; A8MTQ6 ; B2R7E1
Molecular Weight	64,009 Da
NCBI Official Full Name	PRKAA1 protein
NCBI Official Synonym Full Names	protein kinase, AMP-activated, alpha 1 catalytic subunit
NCBI Official Symbol	PRKAA1
NCBI Official Synonym Symbols	AMPK; AMPKa1
NCBI Protein Information	5'-AMP-activated protein kinase catalytic subunit alpha-1; ACACA kinase; AMPK alpha 1; HMGCR kinase; AMPK subunit alpha-1; tau-protein kinase PRKAA1; acetyl-CoA carboxylase kinase; AMP -activate kinase alpha 1 subunit; hydroxymethylglutaryl-CoA reductase
UniProt Protein Name	5'-AMP-activated protein kinase catalytic subunit alpha-1
UniProt Gene Name	PRKAA1
UniProt Synonym Gene Names	AMPK1; AMPK subunit alpha-1; ACACA kinase; HMGCR kinase
UniProt Entry Name	AAPK1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/ampk-alpha-1-antibody-immunohistochemistry-western-blot-elisa/266070>