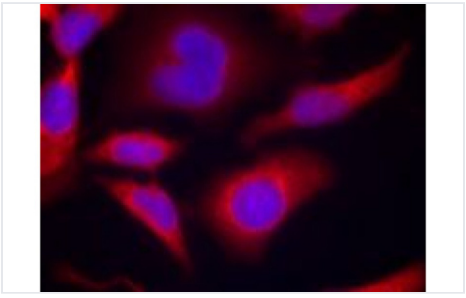
AMPK alpha 1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AMPK alpha 1, Polyclonal Antibody
Full Product Name	Rabbit polyclonal AMPK alpha 1 antibody
Product Gene Name	anti-AMPK alpha 1 antibody
Product Synonym Names	AMPK alpha 1 antibody
Clonality	Polyclonal
Host	Rabbit
Form/Format	Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified by immunoaffinity chromatography.
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.
Immunogen	AMPK alpha 1 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 487 (S-G- SP-V-S) derived from Human AMPKA1 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Product Categories/Family for anti-AMPK alpha 1 antibody	Signal Transduction
Applications Tested/Suitable for anti-AMPK alpha 1 antibody	Immunofluorescence (IF), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-AMPK alpha 1 antibody	IF: 1:100-1:200 IHC: 1:50-1:100 WB: 1:500-1:1000
Related Product Information for anti-AMPK alpha 1 antibody	MBS5304760 is an antibody targeting AMPK alpha 1. Also known as Rabbit polyclonal AMPK alpha 1 antibody. Host: Rabbit.
Other Notes	Small volumes of anti-AMPK alpha 1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunofluorescence (IF) of anti-AMPK alpha 1 antibody
Immunofluorescence staining of methanol-fixed Hela cells using AMPKalpha1(Phospho-Ser487) antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AMPK alpha 1. It may not necessarily be applicable to this product.

NCBI GI #	45553923
NCBI GeneID	43904
NCBI Accession #	NP_996327.1
GenBank Nucleotide #	NM_206604.2
NCBI Official Full Name	AMP-activated protein kinase alpha subunit, isoform C
NCBI Official Synonym Full Names	AMP-activated protein kinase alpha subunit
NCBI Official Symbol	AMPKalpha
NCBI Official Synonym Symbols	AK; ampk; AMPK; AMPK-alpha; ampkalpha; AmpKalpha; CG3051; dAMPK; dAMPKa; dAMPKalpha; DmAMPK alpha; DmelCG3051; EG:132E8.2; FBgn0023169; Gprk-4; Gprk4; snf1a; snf1A; SNF1A; SNF4A-a
NCBI Protein Information	CG3051 gene product from transcript CG3051-RB
Research Articles on AMPK alpha 1	**1.** The significance of these findings is that AMPK is important in the regulation of glucagon signaling, suggesting that the organization of metabolic networks is highly conserved and that AMPK plays a prominent role in these networks.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-antibody/ampk-alpha-1/5304760