

Mouse AMPKbeta2 Monoclonal Antibody | anti-AMPKbeta2 antibody

AMPKbeta2 Mouse mAb (Mix-mA)

CATALOG # AAA320467	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

AMPKbeta2; Monoclonal Antibody; AMPKbeta2 Mouse mAb (Mix-mA); 5'-AMP-activated protein kinase subunit beta-2 (AMPK subunit beta-2); anti-AMPKbeta2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	Mix-mA
Specificity	This antibody detects endogenous levels of AMPKbeta2 at Human, Mouse,Rat
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AMPKbeta2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human AMPKbeta2
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Liver Tissue using AMPK 22 Mouse Monoclonal antibody diluted at 1:200.



WB (Western Blot)

Western blot analysis of 1)293T Cell. 2) Mouse Brain Tissue Lysate using AMPK22 Mouse Monoclonal mAb diluted at 1:2,000.

ADDITIONAL INFORMATION

Related Product Information for anti-AMPKbeta2 antibody

The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This subunit may be a positive regulator of AMPK activity. It is highly expressed in skeletal muscle and thus may have tissue-specific roles. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2013]

NCBI AND UNIPROT INFORMATION

NCBI GI #	3912957
NCBI GeneID	5565
UniProt Accession #	O43741; Q5VXY0; A8K9V5; B4DH06
Molecular Weight	272
NCBI Official Full Name	5'-AMP-activated protein kinase subunit beta-2
NCBI Official Synonym Full Names	protein kinase, AMP-activated, beta 2 non-catalytic subunit
NCBI Official Symbol	PRKAB2
NCBI Protein Information	5'-AMP-activated protein kinase subunit beta-2; AMPK beta 2; AMPK beta-2 chain; AMPK subunit beta-2; 5'-AMP-activated protein kinase, beta-2 subunit; AMP-activated protein kinase beta 2 non-catalytic subunit
UniProt Protein Name	5'-AMP-activated protein kinase subunit beta-2
UniProt Gene Name	PRKAB2
UniProt Synonym Gene Names	AMPK subunit beta-2
UniProt Entry Name	AAKB2_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/monoclonal/ampkbeta2-antibody-clone-mix-ma-western-blot-immunohistochemistry-elisa/320467>