

AMPKalpha1 elisa kit

AMPKalpha1 (Phospho-Ser485) Colorimetric Cell-Based ELISA Kit

CATALOG #
AAA319081

REACTIVITY
Human, Mouse, Rat

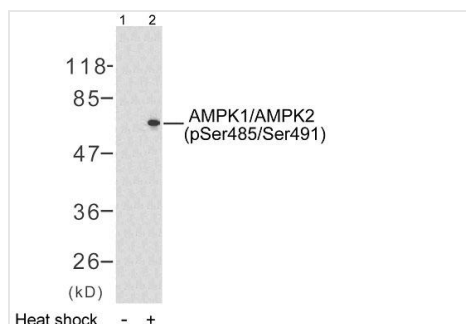
PRODUCT SYNONYMS

AMPKalpha1; AMPKalpha1 (Phospho-Ser485) Colorimetric Cell-Based ELISA Kit; AMPKalpha1 (Phospho-Ser485) Cell-Based ELISA Kit; 5'-AMP-activated protein kinase catalytic subunit alpha-1 (AMPK subunit alpha-1)(EC 2.7.11.1)(Acetyl-CoA carboxylase kinase)(ACACA kinase)(EC 2.7.11.27)(Hydroxymethylglutaryl-CoA reductase kinase)(HMGCR kinase)(EC 2.7.11.31)(Tau-protein kinase PRKAA1)(EC 2.7.11.26); AMPKalpha1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Form/Format	Two 96-Well Plates
Assay Type	Cell-Based ELISA
Samples	Researchers plate their cell line of choice
Detection Range	At least 5000 cells/well
Detection Method	Colorimetric 450 nm
Preparation and Storage	4 degree C/6 Months

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HeLa cells treated with heat shock, using AMPK1 (Phospho-Ser485) Antibody. The lane on the right is blocked with the phospho peptide.

ADDITIONAL INFORMATION

Related Product Information for AMPKalpha1 elisa kit

The AMPKalpha1 (Phospho-Ser485) Colorimetric Cell-Based ELISA Kit is a convenient, lysate-free, high throughput and sensitive assay kit that can detect AMPKalpha1 (Phospho-Ser485) protein expression profile in cells. The kit can be used for measuring the relative amounts of AMPKalpha1 (Phospho-Ser485) in cultured cells as well as screening for the effects that various treatments, inhibitors (ie siRNA or chemicals), or activators have on AMPKalpha1 (Phospho-Ser485).

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-elisa-kits/ampkalpha1/319081>