

Rabbit AMPK beta 1 Polyclonal Antibody | anti-PRKAB1 antibody

Anti-AMPK beta 1 Antibody

CATALOG # AAA261398	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Bovine, Pig	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

AMPK beta 1; Polyclonal Antibody; Anti-AMPK beta 1 Antibody; AMPK; 5'-AMP-activated protein kinase subunit beta-1; AMPK subunit beta-1; AMPKb; anti-PRKAB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of AMPK beta 1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	270
Applicable Applications for anti-PRKAB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AMPK beta 1. The exact sequence is proprietary.
Preparation and Storage	Shipped and store at 4 degree C for one year. Do not freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of AMPK beta 1 staining in human breast cancer 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 beta 1 expression in HEK293T (A), HeLa (B), NIH3T3 (C), PC12 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKAB1 antibody	Rabbit polyclonal antibody to AMPK beta 1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14194425
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NCBI GeneID	5564
UniProt Accession #	Q9Y478; Q9UBV0; Q9UE20; Q9UEX2; Q9Y6V8
Molecular Weight	30,382 Da
NCBI Official Full Name	5'-AMP-activated protein kinase subunit beta-1
NCBI Official Synonym Full Names	protein kinase AMP-activated non-catalytic subunit beta 1
NCBI Official Symbol	PRKAB1
NCBI Official Synonym Symbols	AMPK; HAMPKb
NCBI Protein Information	5'-AMP-activated protein kinase subunit beta-1
UniProt Protein Name	5'-AMP-activated protein kinase subunit beta-1
UniProt Gene Name	PRKAB1
UniProt Synonym Gene Names	AMPK; AMPK subunit beta-1; AMPKb
UniProt Entry Name	AAKB1_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/polyclonal/ampk-beta-1-antibody-immunohistochemistry-western-blot-elisa/261398>