

Rabbit PRKAA1/PRKAA2 Polyclonal Antibody | anti-PRKAA1/PRKAA2 antibody

Phospho-PRKAA1/PRKAA2 (Thr183/Thr172) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243173	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

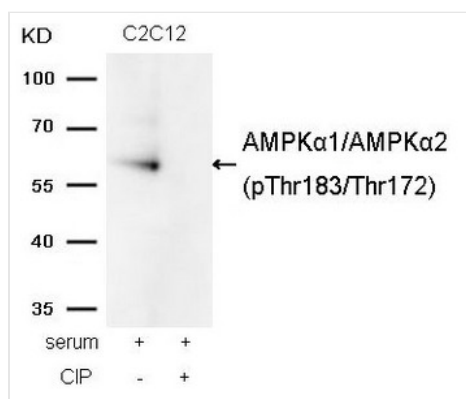
PRODUCT SYNONYMS

PRKAA1/PRKAA2; Polyclonal Antibody; Phospho-PRKAA1/PRKAA2 (Thr183/Thr172) Antibody; AMPK; AMPK α 1; AMPK α 2; anti-PRKAA1/PRKAA2 antibody

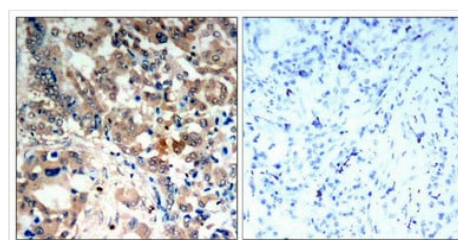
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Liquid; Supplied at 1.0mg/mL in Phosphate Buffered Saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-PRKAA1/PRKAA2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around phosphorylation site of threonine 183(L-R-T(p)-S-C)/threonine172(L- R-T(p)-S-C) derived from Human AMPK 1/AMPK 2.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from C2C12 cells, treated with serum or calf intestinal phosphatase (CIP), using AMPK α 1/AMPK α 2(Phospho-Thr174/Thr172) Antibody.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using AMPK- α 1/AMPK- α 2(Phospho-Thr174/Thr172) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PRKAA1/PRKAA2 antibody	Neuroscience
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27469582
NCBI GeneID	5562
UniProt Accession #	Q13131; P54646
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/polyclonal/prkaa1-prkaa2-antibody-immunohistochemistry-western-blot-elisa/243173>