

Goat PRKAA2 Polyclonal Antibody | anti-PRKAA2 antibody

Goat anti-PRKAA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61518	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow	ELISA, Western Blot, ELISA

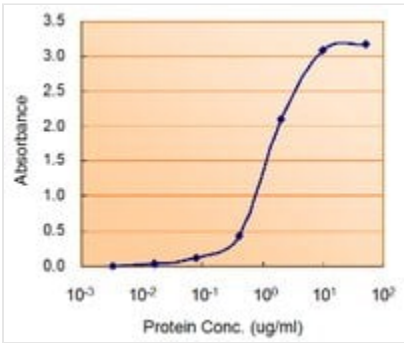
PRODUCT SYNONYMS

PRKAA2; Polyclonal Antibody; Goat anti-PRKAA2 Antibody; protein kinase; AMP-activated; alpha 2 catalytic subunit; AMPK; AMPK2; PRKAA; 5'-AMP-activated protein kinase; catalytic alpha-2 chain; AMP-activated protein kinase alpha 2 catalytic subunit; AMPK-alpha-2 chain; catalytic alpha-2 chain antibody; AMP-activated protein kinase alpha 2 catalytic subunit antibody; AMPK antibody; AMPK2 antibody; AMPK-alpha-2 chain antibody; PRKAA antibody; alpha 2 catalytic subunit antibody; PRKAA2 antibody; anti-PRKAA2 antibody

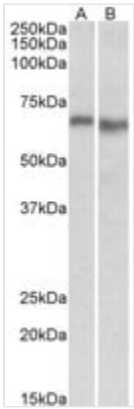
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	CPLDALNTTK P
Sequence Length	552
Applicable Applications for anti-PRKAA2 antibody	ELISA, WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence CPLDALNTTKP, from the internal region of the protein sequence according to NP_006243.2.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



Application Data
1.5ug/ml) as the reporter with as the capture rabbit antibody (2.5ug/ml).



WB (Western Blot)
0.3ug/ml) staining of Mouse (A) and Rat (B) Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
1ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46877068
NCBI GeneID	5563
NCBI Accession #	NP_006243.2
NCBI GenBank Nucleotide #	NM_006252.3
Molecular Weight	62,320 Da
NCBI Official Full Name	5'-AMP-activated protein kinase catalytic subunit alpha-2
NCBI Official Synonym Full Names	protein kinase AMP-activated catalytic subunit alpha 2
NCBI Official Symbol	PRKAA2
NCBI Official Synonym Symbols	AMPK; AMPK2; PRKAA; AMPKa2
NCBI Protein Information	5'-AMP-activated protein kinase catalytic subunit alpha-2
UniProt Protein Name	5'-AMP-activated protein kinase catalytic subunit alpha-2
UniProt Gene Name	PRKAA2
UniProt Synonym Gene Names	AMPK; AMPK2; HMGCR kinase
UniProt Entry Name	AAPK2_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/prkaa2-antibody-western-blot-peptide-elisa-elisa/61518>