

Rabbit PRKAA2 Polyclonal Antibody | anti-PRKAA2 antibody

PRKAA2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200646	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot

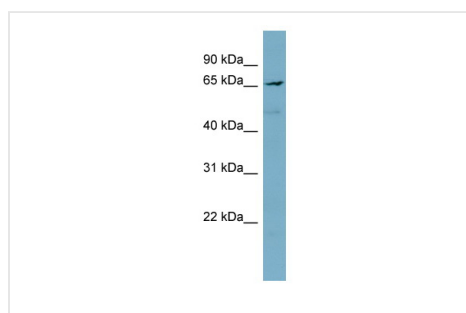
PRODUCT SYNONYMS

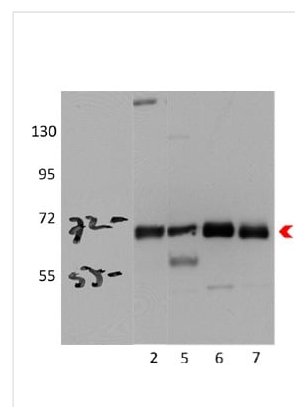
PRKAA2; Polyclonal Antibody; PRKAA2 antibody - middle region; anti-PRKAA2 antibody

PRODUCT SPECIFICATIONS

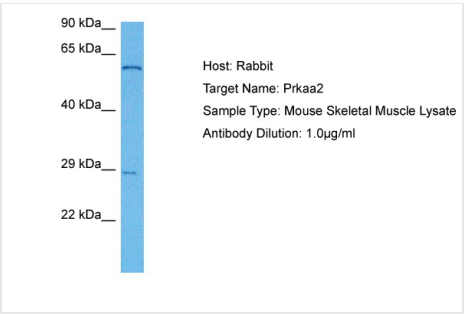
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AY HLIIDNRRIM NQASEFYLAS SPPSGSFMD SAMHIPGLK PHPERMPP
Sequence Length	552
Applicable Applications for anti-PRKAA2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRKAA2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

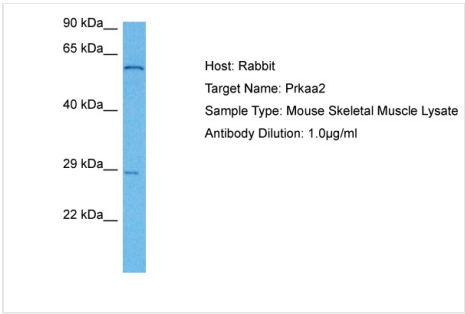
WB Suggested Anti-PRKAA2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate

WB (Western Blot)

PRKAA2 antibody - middle region validated by WB using Rat Liver, Human Muscle, Rat Muscle, Mouse Muscle at 1:1000.



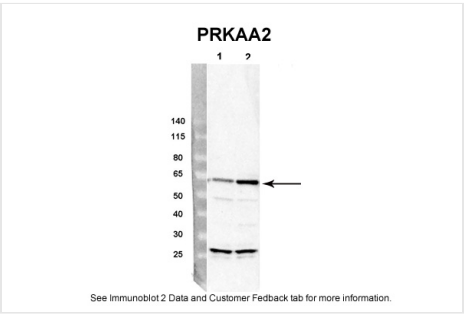
WB (Western Blot)

Host: RabbitTarget Name: PRKAA2Sample Tissue: Mouse Skeletal MuscleAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: MouseTarget Name: PRKAA2Sample Tissue: Mouse Skeletal MuscleAntibody Dilution: 1ug/ml



WB (Western Blot)

Sample Type: RatSample Type:rat hepatocyte (50ug)Primary Dilution:1:4000Secondary Antibody:Donkey anti-Rabbit HRPSecondary Dilution:1:10,000Image Submitted By:Dustin Singer,INRA/AgroParistech

ADDITIONAL INFORMATION

Related Product Information for anti-PRKAA2 antibody	This is a rabbit polyclonal antibody against PRKAA2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The protein encoded by this gene is a catalytic 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
Product Categories/Family for anti-PRKAA2 antibody	Polyclonal; Transcription Regulation; Drugs and Drug Metabolism; Various; Autophagy; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	46877068
NCBI GeneID	5563
NCBI Accession #	NP_006243
NCBI GenBank Nucleotide #	NM_006252
UniProt Accession #	P54646
Molecular Weight	62kDa
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; AMPK subunit alpha-2; ACACA kinase; 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-elisa/200646>