

Rabbit Prkaa1 Polyclonal Antibody | anti-PRKAA1 antibody

Prkaa1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200313	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish	Western Blot

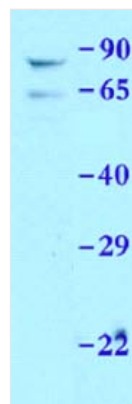
PRODUCT SYNONYMS

Prkaa1; Polyclonal Antibody; Prkaa1 antibody - N-terminal region; anti-PRKAA1 antibody

PRODUCT SPECIFICATIONS

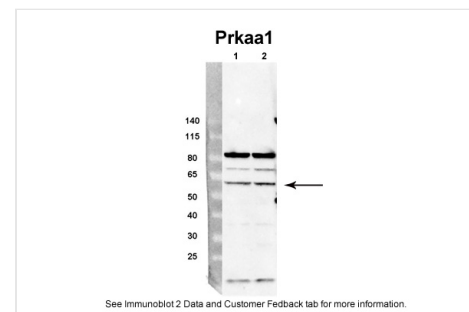
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ST PSDIFMVMEY VSGGELFDYI CKNGRLDEKE SRRLFQQILS GVDYCHRH
Sequence Length	548
Applicable Applications for anti-PRKAA1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 79%; Yeast: 77%; Zebrafish: 93%
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



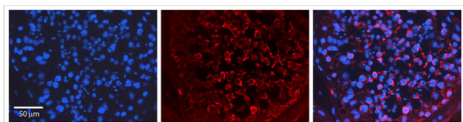
WB (Western Blot)

Prkaa1 antibody - N-terminal region validated by WB using mouse liver at 1:1000.



WB (Western Blot)

Sample Type: Rat primary hepatocytes
Sample Type: rat hepatocyte (50ug)
Primary Dilution: 1:1000
Secondary Antibody: Donkey anti-Rabbit HRP
Secondary Dilution: 1:10,000
Image Submitted By: Dustin Singer, INRA/AgroParistech



IHC (Immunohistochemistry)

Rabbit Anti-PRKAA1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Testis
Observed Staining: Cytoplasm
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-PRKAA1 antibody	This is a rabbit polyclonal antibody against Prkaa1. It was validated on Western Blot Target Description: Prkaa1 is a catalytic subunit of AMP-activated protein kinase (AMPK), an energy sensor protein kinase that plays a key role in regulating cellular energy metabolism.
Product Categories/Family for anti-PRKAA1 antibody	Polyclonal ; Drugs and Drug Metabolism ; Various ; Autophagy ; Phosphorylation ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	94681061
NCBI GeneID	105787
NCBI Accession #	NP_001013385
NCBI GenBank Nucleotide #	NM_001013367
UniProt Accession #	Q5EG47
Molecular Weight	60kDa
NCBI Official Full Name	5'-AMP-activated protein kinase catalytic subunit alpha-1 isoform 1
NCBI Official Synonym Full Names	protein kinase, AMP-activated, alpha 1 catalytic subunit
NCBI Official Symbol	Prkaa1
NCBI Official Synonym Symbols	AI194361; AI450832; AL024255; AMPKalpha1; C130083N04Rik
NCBI Protein Information	5'-AMP-activated protein kinase catalytic subunit alpha-1
UniProt Protein Name	5'-AMP-activated protein kinase catalytic subunit alpha-1
UniProt Gene Name	Prkaa1
UniProt Synonym Gene Names	HMGCR kinase

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-antibody-western-blot-elisa/200313>