

Rabbit PKP2 Polyclonal Antibody | anti-PKP2 antibody

PKP2 antibody - N-terminal region

CATALOG # AAA200629	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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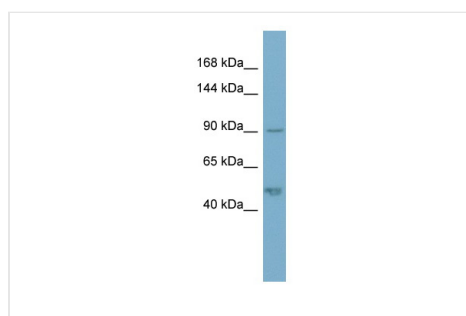
PRODUCT SYNONYMS

PKP2; Polyclonal Antibody; PKP2 antibody - N-terminal region; anti-PKP2 antibody

PRODUCT SPECIFICATIONS

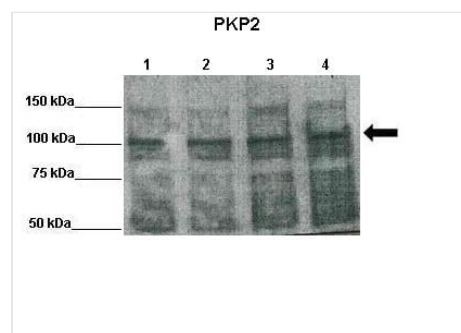
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HP LRRLEISPDS SPERAHYTHS DYQYSQRSQA GHTLHHQESR RAALLVPP
Sequence Length	837
Applicable Applications for anti-PKP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 77%; Dog: 79%; Horse: 86%; Human: 100%; Mouse: 86%; Rat: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PKP2
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



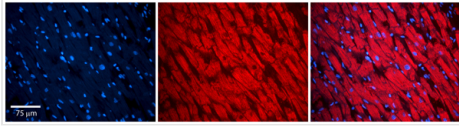
WB (Western Blot)

WB Suggested Anti-PKP2 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:31250
Positive Control: COLO205 cell lysate
PKP2 is supported by BioGPS gene expression data to be expressed in COLO205



WB (Western Blot)

WB Suggested Anti-PKP2 Antibody
Positive Control: Lane 1-4: 20ug mouse keratinocyte lysate
Primary Antibody Dilution : 1:1000
Secondary Antibody : Anti-rabbit-HRP
Secondary Antibody Dilution : 1:6000
Submitted by: Jiangli Chen and Peter Koch, University of Colorado Denver



IHC (Immunohistochemistry)

Rabbit Anti-PKP2 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Cytoplasmic
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
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-PKP2 antibody	This is a rabbit polyclonal antibody against PKP2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene encodes a member of the arm-repeat (armadillo) and plakophilin gene families. Plakophilin proteins contain numerous armadillo repeats, localize to cell desmosomes and nuclei, and participate in linking cadherins to intermediate filaments in the
Product Categories/Family for anti-PKP2 antibody	Polyclonal ; Cell Adhesion ; Chromatin & Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	148664186
NCBI GeneID	5318
NCBI Accession #	NP_001005242
NCBI GenBank Nucleotide #	NM_001005242
UniProt Accession #	A0AV37 ; Q99959
Molecular Weight	93kDa
NCBI Official Full Name	plakophilin-2 isoform 2a
NCBI Official Synonym Full Names	plakophilin 2
NCBI Official Symbol	PKP2
NCBI Official Synonym Symbols	ARVD9
NCBI Protein Information	plakophilin-2

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://www.aaabiotech.com/polyclonal/pkp2-antibody-immunohistochemistry-western-blot-elisa/200629>