

Rabbit anti-Human PKP2 Polyclonal Antibody | anti-PKP2 antibody

PKP2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287835	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

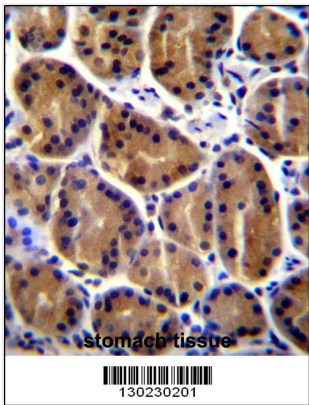
PRODUCT SYNONYMS

PKP2; Polyclonal Antibody; PKP2 Antibody (C-term); Plakophilin-2; anti-PKP2 antibody

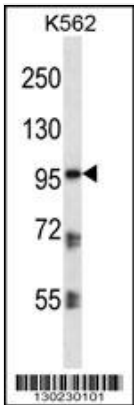
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PKP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 838-866 amino acids from the C-terminal region of human PKP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.44 (varies by lot)
Sequence Positions	838-866
Sequence Length	837
Applicable Applications for anti-PKP2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PKP2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PKP2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PKP2 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the PKP2 antibody detected the PKP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PKP2 antibody	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 cytoskeleton. This gene product may regulate the signaling activity of beta-catenin. Two alternately spliced transcripts encoding two protein isoforms have been identified. A processed pseudogene with high similarity to this locus has been mapped to chromosome 12p13.
Product Categories/Family for anti-PKP2 antibody	Cardiovascular; Neuroscience; Signal Transduction
References	Fressart, V., et al. Europace 12(6):861-868(2010) Cox, M.G., et al. Circ Arrhythm Electrophysiol 3(2):126-133(2010) Christensen, A.H., et al. Cardiology 115(2):148-154(2010) den Haan, A.D., et al. Circ Cardiovasc Genet 2(5):428-435(2009) Bhuiyan, Z.A., et al. Circ Cardiovasc Genet 2(5):418-427(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148664186
NCBI GeneID	5318
NCBI Accession #	NP_001005242.2; NP_004563.2
NCBI GenBank Nucleotide #	NM_001005242.2
UniProt Accession #	Q99959; Q4VC01; Q99960; A0AV37; B8QFA1; B8QGS6; B8QGS7; D3DUW9
Molecular Weight	97415
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

UniProt Protein Name	Plakophilin-2
UniProt Gene Name	PKP2
UniProt Entry Name	PKP2_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/pkp2-antibody-immunohistochemistry-western-blot-elisa/287835>