

PKP2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12940b

Specification

**PKP2 Antibody (C-term) Blocking peptide -
Product Information**

Primary Accession [Q99959](#)

**PKP2 Antibody (C-term) Blocking peptide -
Additional Information**

Gene ID 5318

Other Names

Plakophilin-2, PKP2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PKP2 Antibody (C-term) Blocking peptide -
Protein Information**

Name PKP2

Function

May play a role in junctional plaques.

Cellular Location

Nucleus. Cell junction, desmosome.
Note=Nuclear and associated with desmosomes

Tissue Location

Detected in heart right ventricle (at protein level). Widely expressed. Found at desmosomal plaques in simple and

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Background**

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.

**PKP2 Antibody (C-term) Blocking peptide -
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)

stratified epithelia and in non-epithelial tissues such as myocardium and lymph node follicles. In most stratified epithelia found in the desmosomes of the basal cell layer and seems to be absent from suprabasal strata.

PKP2 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)