

Product datasheet for **AP53319PU-N**

Plakophilin 2 (PKP2) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western lot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 837-866 amino acids from the C-terminal region of Human Plakophilin-2
Specificity:	This antibody recognizes Human Plakophilin-2 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	plakophilin 2
Database Link:	Entrez Gene 5318 Human Q99959



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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.

Synonyms:

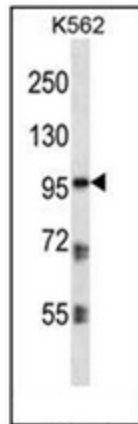
PKP2

Note:

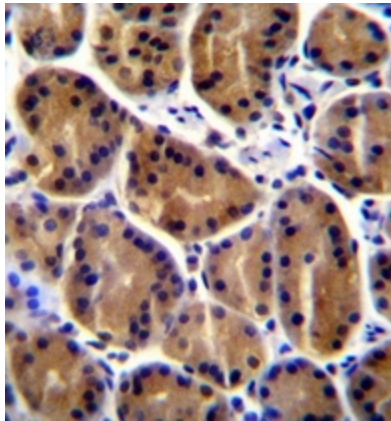
Molecular Weight: 97415 Da

Protein Pathways:

Arrhythmogenic right ventricular cardiomyopathy (ARVC)

Product images:


Western blot analysis of Plakophilin-2 Antibody (C-term) in K562 cell line lysates (35ug/lane).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue reacte with Plakophilin-2 Antibody (C-term), whcih was peroxidase conjugated to the secondary antibody and followed by DAB staining.This data demonstrates the use of PKP2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.