



Anti-PKP2 (aa 125-139) polyclonal antibody (CPBT-56546GH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Goat Polyclonal antibody to Human PKP2.
Antigen 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 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.
Immunogen	Synthetic peptide: C-RGTAQYSSQKSVEER, corresponding to internal sequence amino acids 125-139 of Human Plakophilin 2
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse, Rat
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA
Cellular Localization	Nucleus. Cell junction, desmosome.Note: Nuclear and associated with desmosomes.
Format	Liquid
Size	200 µl
Buffer	pH: 7.30Preservative:0.02% Sodium azideConstituents:0.5% BSA, 99% Tris buffered saline

Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	PKP2 plakophilin 2 [Homo sapiens]
Official Symbol	PKP2
Synonyms	PKP2; plakophilin 2; plakophilin-2; ARVD 9; ARVD9; PKP 2; Plakophilin2; ARVD9;
Entrez Gene ID	5318
Protein Refseq	NP_001005242
UniProt ID	Q99959
Chromosome Location	12p11
Pathway	Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem;
Function	binding; molecular_function;