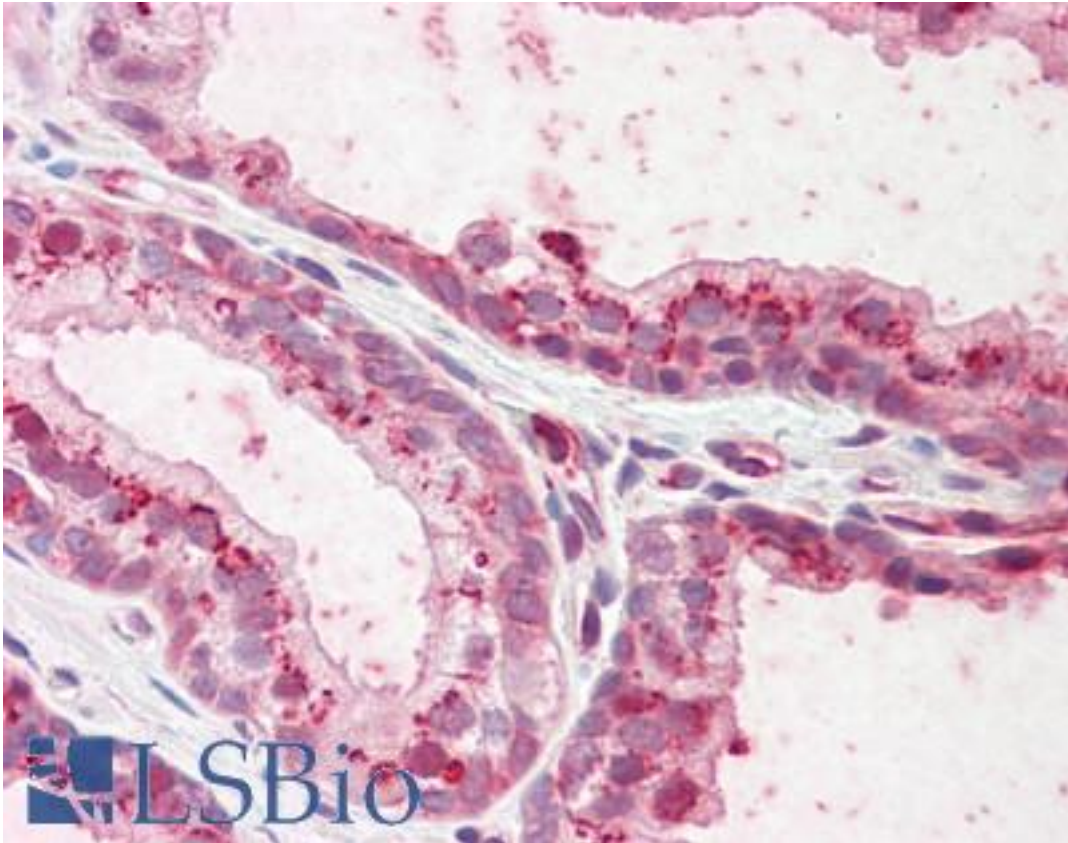


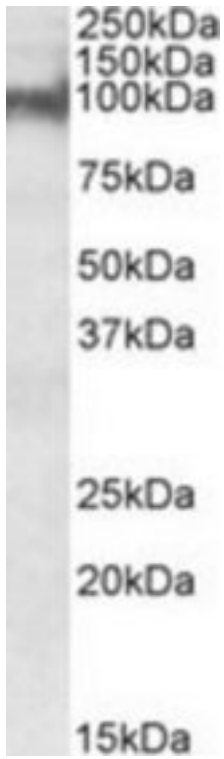
PKP2 / Plakophilin 2 Goat anti-Human Polyclonal (Internal) Antibody - LS-B9231 - LSBio	
CatalogID:	LS-B9231
Validation:	This antibody replaces catalog number LS-C139767. It has been validated for use in the following assays: IHC-P.
Target:	plakophilin 2 (PKP2)
Synonyms:	PKP2 Antibody, ARVD9 Antibody, Plakophilin 2 Antibody, Plakophilin-2 Antibody
Host	PKP2 antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	PKP2 / Plakophilin 2 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	PKP2 / Plakophilin 2 antibody was raised against synthetic peptide C-RGTAQYSSQKSVEER from an internal region of human PKP2 / Plakophilin 2 (NP_001005242.2; NP_004563.2). Percent identity by BLAST analysis: Human, Gorilla, Hamster, Dog, Rabbit (100%); Marmoset, Panda, Bovine, Bat, Horse (93%); Mouse (87%); Elephant, Opossum (80%).
Specificity:	Human PKP2 / Plakophilin 2. This antibody is expected to recognize both reported isoforms (NP_001005242.2; NP_004563.2).
Epitope:	Internal
Reactivity:	Human, Gorilla, Mouse, Rat, Dog, Hamster, Rabbit
Predicted Reactivity:	Monkey, Bat, Bovine, Horse
Purification:	Immunoaffinity purified
Presentation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Recommended Storage:	Store at -20°C. Minimize freezing and thawing.
Usage Summary:	Peptide ELISA: antibody detection limit dilution 1:16000. Western blot: Approx 100kD band observed in Mouse and Rat Heart lysates (calculated MW of 88.1kD according to Mouse NP_080439.1 and 87.8kD according to Rat NP_001093969.1). Recommended concentration: 0.3-1 ug/ml.
Uses:	IHC - Paraffin (3.75 µg/ml), Western blot (0.3 - 1 µg/ml), ELISA (1:16000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)

Western Blot Image:



PKP2 antibody (0.3 ug/ml) staining of Mouse Heart lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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