

Product Datasheet

Plakophilin 2 Antibody NBP1-72054

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

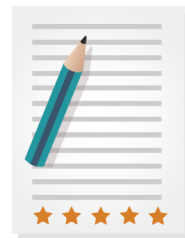
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NBP1-72054**Plakophilin 2 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	5318
Gene Symbol	PKP2
Species	Human, Mouse, Rat
Reactivity Notes	Expected from sequence similarity: Rat, Canine, Bovine
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_001005242.2; NP_004563.2).
Immunogen	Peptide with sequence C-RGTAQYSSQKSVEER corresponding to internal region according to NP_004563.2.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3-1.0 ug/ml, Immunohistochemistry 0.3-1ug/ml, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:16000
Application Notes	Western blot: Approx 100kDa band observed in Mouse Heart lysates (calculated MW of 88.1kDa according to Mouse NP_080439.1 and 87.8kDa according to Rat NP_001093969.1). Primary incubation was 1 hour IHC: Paraffin embedded Human Prostate.

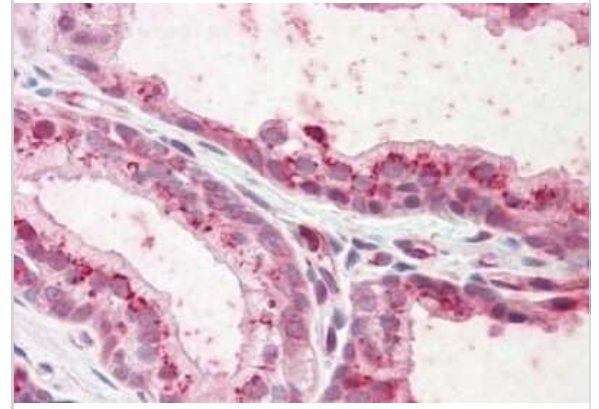


Images

Western Blot: Plakophilin 2 Antibody [NBP1-72054] - (0.3ug/ml) staining of Mouse Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: Plakophilin 2 Antibody [NBP1-72054] - 3.75ug/ml staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Christensen AH, Benn M, Tybjaerg-Hansen A et al. Missense variants in plakophilin-2 in arrhythmogenic right ventricular cardiomyopathy patients--disease-causing or innocent bystanders? *Cardiology* 2010-01-01 [PMID: 19955750]



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Products Related to NBP1-72054

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-58748PEP	Plakophilin 2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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