

Product Datasheet

Prostatic Acid Phosphatase/ACPP Antibody - BSA Free NBP1-90263

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-90263

Prostatic Acid Phosphatase/ACPP Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

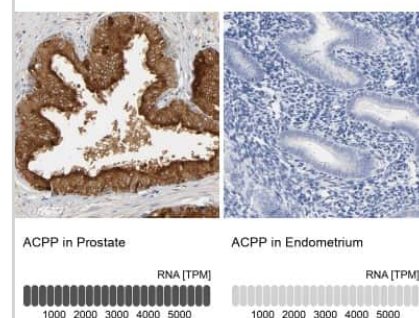
Product Description	
Host	Rabbit
Gene ID	55
Gene Symbol	ACP3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (83%). Reactivity reported in scientific literature (PMID: 22093360)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QLLYLPFRNCPRFQELESETLKSEEFQKRLHPYKDFIATLGKLSGLHGQDLFGI WSKVYDPLYCESVHNFTLPSWATEDMTKLRELSLSLLSLYGIHKQKEKSRL QGGVLVNEILNHMKRAT

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

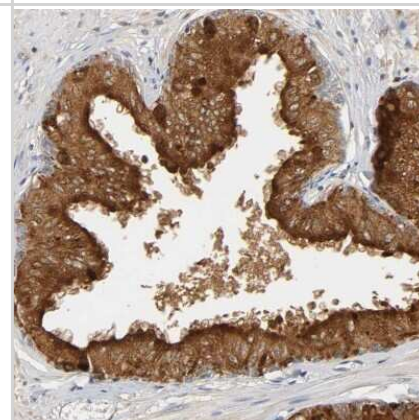


Images

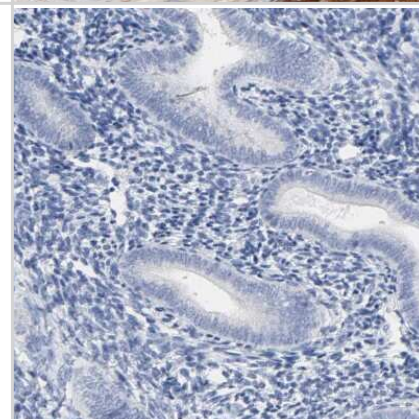
Immunohistochemistry-Paraffin: Prostatic Acid Phosphatase/ACPP Antibody [NBP1-90263] - Staining in human prostate and endometrium tissues using anti-ACPP antibody. Corresponding ACPP RNA-seq data are presented for the same tissues.



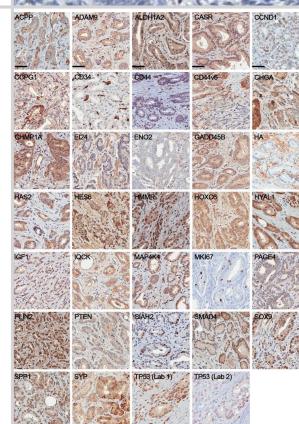
Immunohistochemistry-Paraffin: Prostatic Acid Phosphatase/ACPP Antibody [NBP1-90263] - Staining of human prostate shows high expression.



Immunohistochemistry-Paraffin: Prostatic Acid Phosphatase/ACPP Antibody [NBP1-90263] - Staining of human endometrium shows low expression as expected.



Immunohistochemistry of candidate biomarkers in prostate cancer. Representative immunohistochemical staining of ACPP, ADAM9, ALDH1A2, CASR, CCND1, CCPG1, CD34, CD44, CD44v6, CHGA, CHMP1A, EI24, ENO2, GADD45B, HA, HAS2, HES6, HMMR, HOXC6, HYAL1, IGF1, IQCK, MAP4K4, MKI67, PAGE4, PLIN2, PTEN, SIAH2, SMAD4, SOX9, SPP1, SYP, & TP53 from prostate cancer tissue microarrays. Scale bar represents 50 μ m. Image collected & cropped by CiteAb from the following publication (<https://bmccancer.biomedcentral.com/articles/10.1186/1471-2407-14-244>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Rizzardi AE, Rosener NK, Koopmeiners JS et al. Evaluation of protein biomarkers of prostate cancer aggressiveness. BMC Cancer 2014-04-05 [PMID: 24708576] (IF/IHC, Human)

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. Proteome Sci 2011-11-17 [PMID: 22093360]





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Products Related to NBP1-90263

NBP1-90263PEP	Prostatic Acid Phosphatase/ACPP Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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