

# Product Datasheet

## HGK/MAP4K4 Antibody - BSA Free NBP1-84663

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NBP1-84663**

HGK/MAP4K4 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

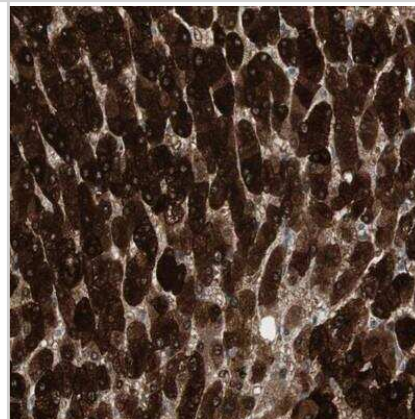
Product Description	
Description	Novus Biologicals Rabbit HGK/MAP4K4 Antibody - BSA Free (NBP1-84663) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HGK/MAP4K4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9448
Gene Symbol	MAP4K4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AEPQVQWSHLASLKNNVSPVSRSHSFSDPSPKFAHHHLRSQDPCPPSRSEVL SQSSDSKSEAPDPTQKAWSRSDSDEVPPRVVVRTTSRSPVLSRRDSPLQGSG QQNSQAGQRNSTSSI

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

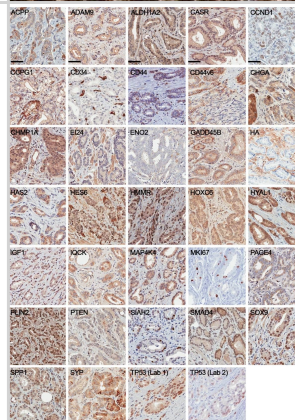


## Images

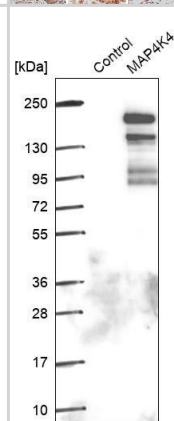
Immunohistochemistry-Paraffin: HGK/MAP4K4 Antibody [NBP1-84663] - Staining of human liver shows strong cytoplasmic and nuclear positivity in hepatocytes.



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  $\mu$ 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.



Analysis in control (vector only transfected HEK293T lysate) and MAP4K4 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells, LY407892).



## Publications

Huang H, Kuang X, Zou Y et al. MAP4K4 is involved in the neuronal development of retinal photoreceptors Experimental eye research 2023-06-07 [PMID: 37290629] (ICC/IF, IHC-P, WB, Mouse)

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)



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### **Products Related to NBP1-84663**

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NBP1-84663PEP	HGK/MAP4K4 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

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### **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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