

# Product Datasheet

## PTK9 Antibody - BSA Free NBP1-90297

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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**NBP1-90297**

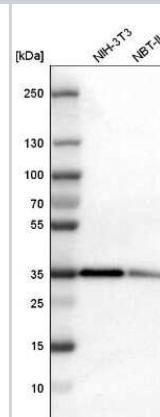
PTK9 Antibody - BSA Free

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	5756
Gene Symbol	TWF1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AEEELRQIKINEVQTDVGVDTKHQTLQGVAFPISREAFQALEKLNNRQLNYVQL EIDIKNEIILANTTNTTELKDLPKRIPKDSARYHFFLYKHSHEGDY
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:40, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in RT-4 and U-251MG, separated by Size, antibody dilution of 1:40, apparent MW was 45 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

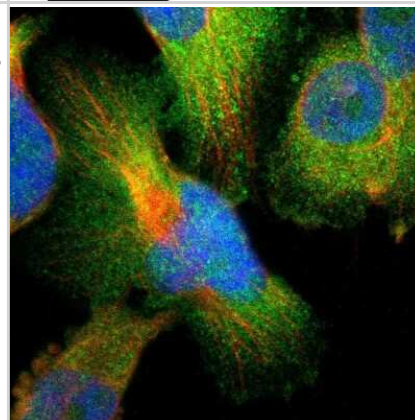


## Images

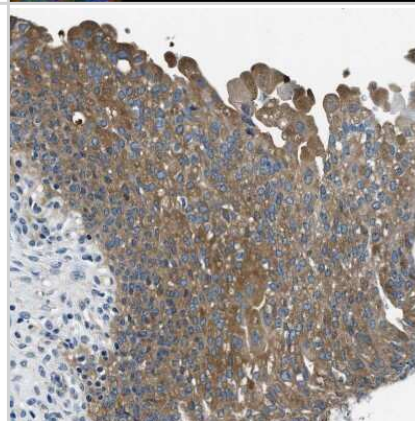
Western Blot: PTK9 Antibody [NBP1-90297] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



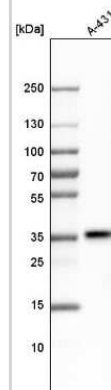
Immunocytochemistry/Immunofluorescence: PTK9 Antibody [NBP1-90297] - Immunofluorescent staining of human cell line U-251 MG shows localization to cytosol.



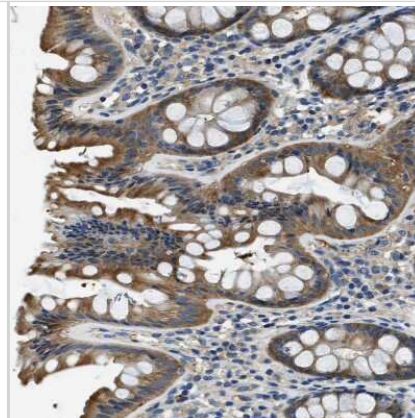
Immunohistochemistry-Paraffin: PTK9 Antibody [NBP1-90297] - Staining of human urinary bladder shows moderate cytoplasmic positivity in urothelial cells.



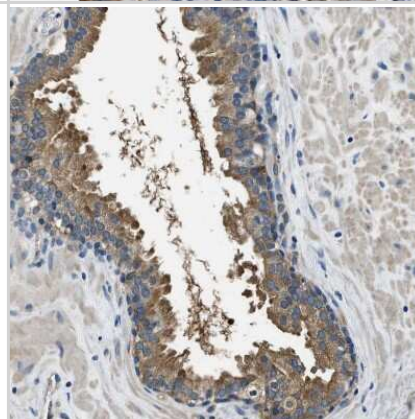
Western Blot: PTK9 Antibody [NBP1-90297] - Analysis in human cell line A-431.



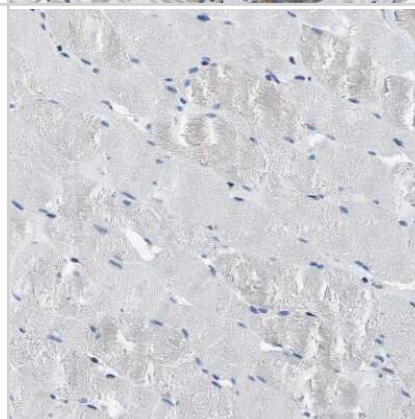
Immunohistochemistry-Paraffin: PTK9 Antibody [NBP1-90297] - Staining of human colon shows moderate cytoplasmic positivity in glandular cells.



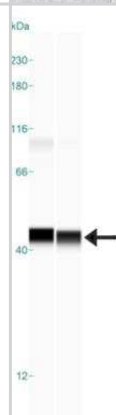
Immunohistochemistry-Paraffin: PTK9 Antibody [NBP1-90297] - Staining of human prostate shows moderate cytoplasmic positivity in glandular cells.



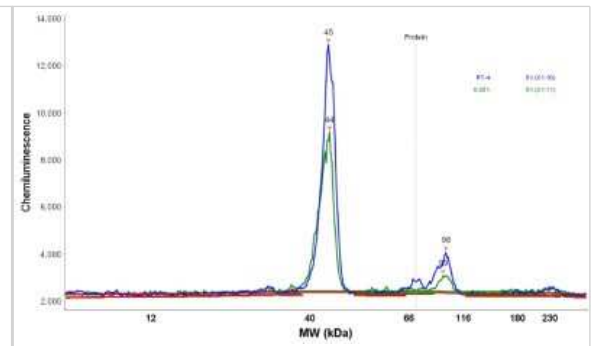
Immunohistochemistry-Paraffin: PTK9 Antibody [NBP1-90297] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Simple Western: PTK9 Antibody [NBP1-90297] - Simple Western lane view shows a specific band for PTK9 in 0.2 mg/ml of RT-4 (Left) and U-251MG (Right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: PTK9 Antibody [NBP1-90297] - Electropherogram image(s) of corresponding Simple Western lane view. PTK9 antibody was used at 1:40 dilution on RT-4 and U-251MG lysate(s).





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### **Products Related to NBP1-90297**

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NBP1-90297PEP	PTK9 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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