

Product Datasheet

Testin Antibody - BSA Free

NBP1-87987

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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Publications: 5

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NBP1-87987

Testin Antibody - BSA Free

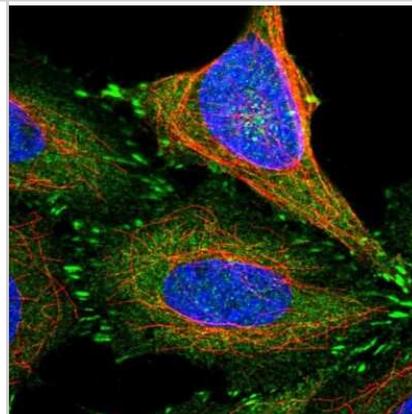
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Testin Antibody - BSA Free (NBP1-87987) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-Testin Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	26136
Gene Symbol	TES
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (85%). Reactivity reported in scientific literature (PMID: 23227862)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QLPAHDQDPSKCHELSPREVKEME QFVKKYKSEALGVGDVKLPCEMDAQQGPK QMNI PGDRSTPAAVGAMEDKSAEHKRTQYSCYCKLSMKEGDPAIYAERAG YDKLWHPACFVCSTCHELLVD

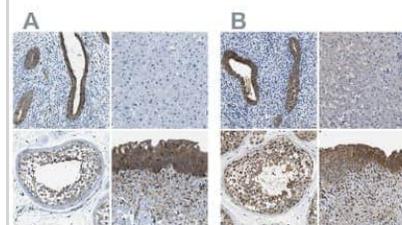
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
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 Simple Western Antibody Database for Simple Western validation: Tested in RT-4, separated by Size, antibody dilution of 1:20, apparent MW was 57 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue. Use in IHC-P reported in scientific literature (PMID:34440214).

Images

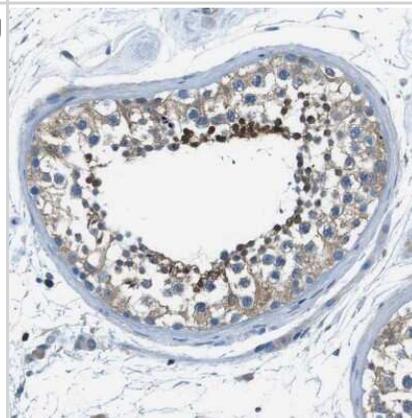
Immunocytochemistry/Immunofluorescence: Testin Antibody [NBP1-87987] - Staining of human cell line SiHa shows localization to cytosol & focal adhesion sites. Antibody staining is shown in green.



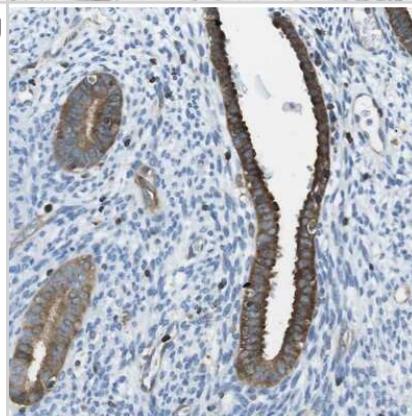
Immunohistochemistry-Paraffin: Testin Antibody [NBP1-87987] - Staining of human endometrium, liver, testis and urinary bladder using Anti-TES antibody NBP1-87987 (A) shows similar protein distribution across tissues to independent antibody NBP1-85072 (B).



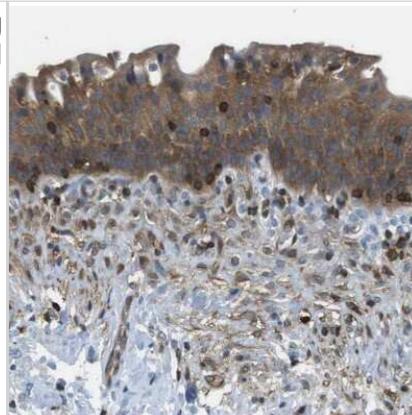
Immunohistochemistry-Paraffin: Testin Antibody [NBP1-87987] - Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



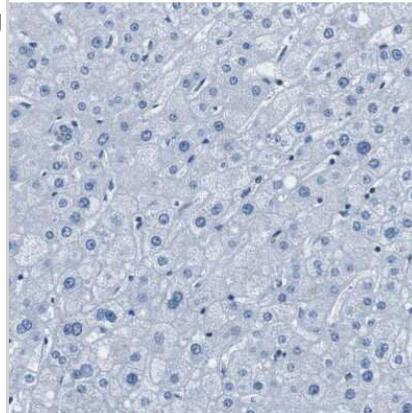
Immunohistochemistry-Paraffin: Testin Antibody [NBP1-87987] - Staining of human endometrium shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Testin Antibody [NBP1-87987] - Staining of human urinary bladder shows strong cytoplasmic positivity in urothelial cells.



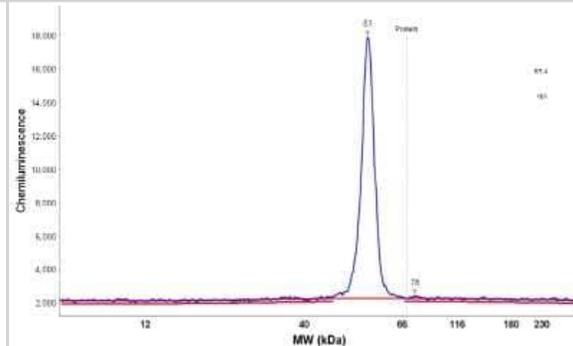
Immunohistochemistry-Paraffin: Testin Antibody [NBP1-87987] - Staining of human liver shows no positivity in hepatocytes as expected.



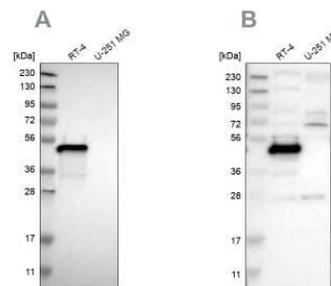
Simple Western: Testin Antibody [NBP1-87987] - Simple Western lane view shows a specific band for TES in 0.2 mg/ml of RT-4 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



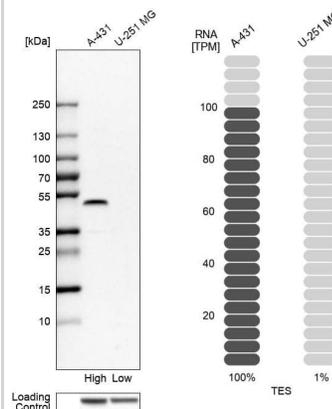
Simple Western: Testin Antibody [NBP1-87987] - Electropherogram image(s) of corresponding Simple Western lane view. Testin antibody was used at 1:20 dilution on RT-4 lysate(s).



Western Blot: Testin Antibody [NBP1-87987] - Analysis using Anti-TES antibody NBP1-87987 (A) shows similar pattern to independent antibody NBP1-85072 (B).



Analysis in human cell lines A-431 and U-251MG using Anti-TES antibody. Corresponding TES RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



Publications

Ciaputa R, Brambilla E, Dzimira S et al. Immunohistochemical expression of testin protein in testicular tumours in dogs. *Theriogenology* 2025-03-05 [PMID: 40090235]

Ciaputa R, Nowak M, Dzimira S et al. Study on the expression of testin in the testes of dogs *Journal of Veterinary Research* 2023-10-31 [PMID: 38130450] (IHC-P, Canine)

Popiel-Kopaczyk A, Grzegorzolka J, Piotrowska A et al. The Expression of Testin, Ki-67 and p16 in Cervical Cancer Diagnostics *Current issues in molecular biology* 2023-01-05 [PMID: 36661518] (IHC-P, Human)

Details:

Dilution used in IHC-P 1:400

Popiel A, Piotrowska A, Sputa-Grzegorzolka P Et al. Preliminary Study on the Expression of Testin, p16 and Ki-67 in the Cervical Intraepithelial Neoplasia *Biomedicines* 2021-08-13 [PMID: 34440214] (IHC-P, Human)

Danielsson F, Wiking M, Mahdessian D et al. RNA deep sequencing as a tool for selection of cell lines for systematic subcellular localization of all human proteins. *J Proteome Res* 2013-01-04 [PMID: 23227862]



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Products Related to NBP1-87987

NBP1-87987PEP	Testin Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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