

# Product Datasheet

## ZNF354C Antibody - BSA Free

### NBP1-81352

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: 2

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**NBP1-81352**

ZNF354C Antibody - BSA Free

**Product Information**

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

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit ZNF354C Antibody - BSA Free (NBP1-81352) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ZNF354C Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	30832
<b>Gene Symbol</b>	ZNF354C
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LVSLGIPFSMPKLIHQLQQGEDPCMVEREVPSDTRLGFKTWLETEALPHRQDIF IEETSQGMVKKESIKDGHWDINFEEAVEFE

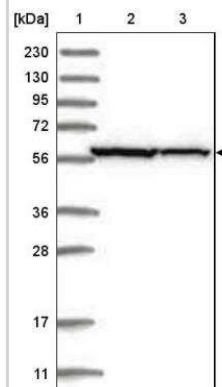
**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

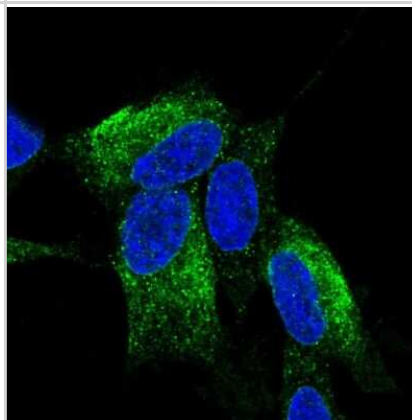


## Images

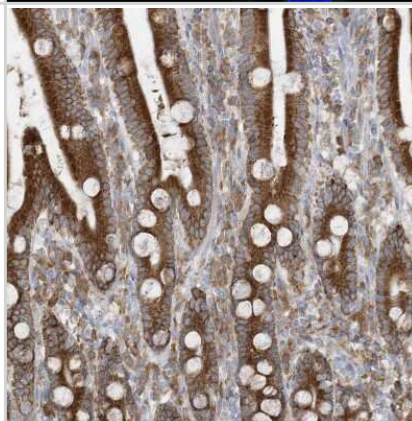
Western Blot: ZNF354C Antibody [NBP1-81352] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



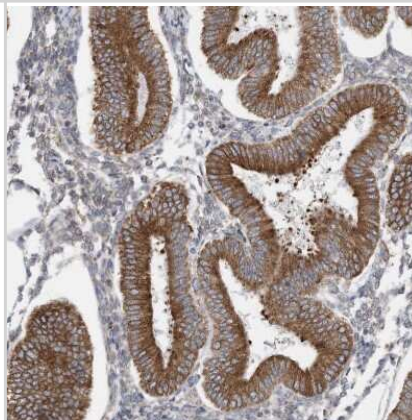
Immunocytochemistry/Immunofluorescence: ZNF354C Antibody [NBP1-81352] - Staining of human cell line SH-SY5Y shows localization to nuclear membrane & cytosol. Antibody staining is shown in green.



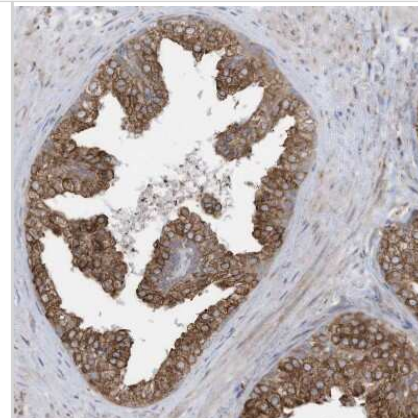
Immunohistochemistry-Paraffin: ZNF354C Antibody [NBP1-81352] - Staining of human duodenum shows strong cytoplasmic positivity in glandular cells.



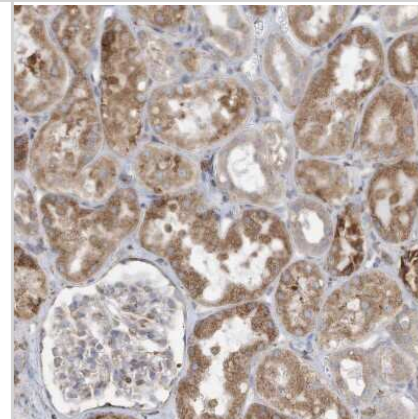
Immunohistochemistry-Paraffin: ZNF354C Antibody [NBP1-81352] - Staining of human endometrium shows strong cytoplasmic positivity in glandular cells.



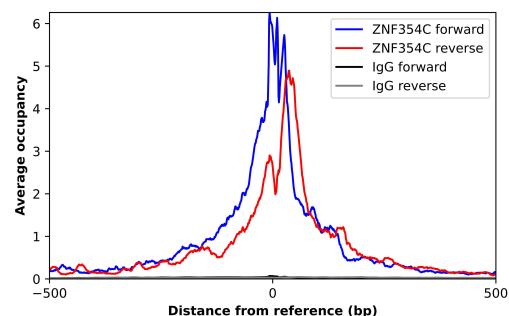
Immunohistochemistry-Paraffin: ZNF354C Antibody [NBP1-81352] - Staining of human prostate shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: ZNF354C Antibody [NBP1-81352] - Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



ChIP-Exo-Seq composite graph for Anti-ZNF354C (NBP1-81352) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



## Publications

Oo JA, Irmer B, Günther S et al. ZNF354C is a transcriptional repressor that inhibits endothelial angiogenic sprouting. *Scientific Reports* 2020-11-05 [PMID: 33154469] (Human)

Josipovic I, Pfluger B, Fork C, Vasconez AE. Long noncoding RNA LISPR1 is required for S1P signaling and endothelial cell function. *J. Mol. Cell. Cardiol.* 2018-01-31 [PMID: 29408197] (Human)



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### **Products Related to NBP1-81352**

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NBP1-81352PEP	ZNF354C 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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