

# Product Datasheet

## ZNF135 Antibody - BSA Free

### NBP1-80913

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: 1

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**NBP1-80913**

ZNF135 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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

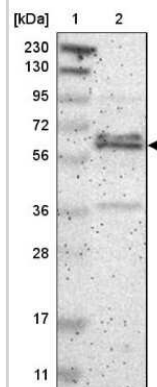
Product Description	
<b>Description</b>	Novus Biologicals Rabbit ZNF135 Antibody - BSA Free (NBP1-80913) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ZNF135 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7694
<b>Gene Symbol</b>	ZNF135
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: FLWDGLWYCRGEDTEGHWEWSCELES LAVPVAFTPVKTPVLEQWQRNGFG ENISLNPDLPHQPMPERQSPHTWGTRGKREKPDNLNVLQKTCVKEKPYKCQE CGKAFSHSSALI

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

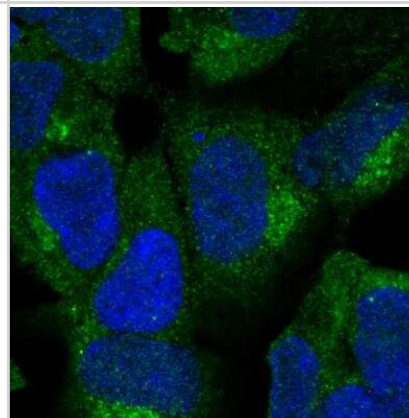


## Images

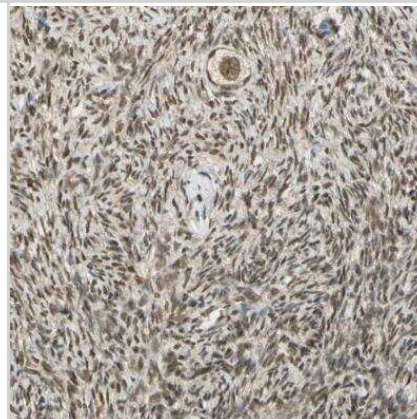
Western Blot: ZNF135 Antibody [NBP1-80913] - Lane 1: Marker [kDa]  
230, 130, 95, 72, 56, 36, 28, 17, 11  
Lane 2: Human cell line RT-4



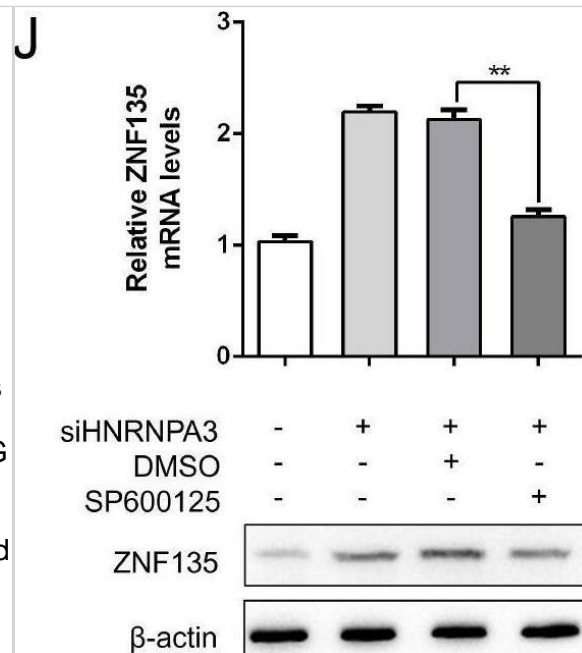
Immunocytochemistry/Immunofluorescence: ZNF135 Antibody [NBP1-80913] - Staining of human cell line HEK 293 shows localization to cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: ZNF135 Antibody [NBP1-80913] - Staining of human ovary shows moderate nuclear positivity in follicle cells and ovarian stroma cells.



PI3K/AKT and JNK mediate the effect of HNRNPA3 on SREBF1 activation. (A) Marc-145 cells were transfected with siNC or increasing amounts of siHNRNPA3 and infected with PEDV (MOI = 0.5) for 24 h. The protein levels of SREBF1, FASN, and ACC1 were determined by western blot.  $\beta$ -Actin was used as a loading control. (B) Marc-145 cells were transfected with siHNRNPA3 and infected with PEDV (MOI = 0.5), then incubated with LY294002 (LY294, 10  $\mu$ M), SP600125 (SP600, 10  $\mu$ M), trametinib (Tram, 10  $\mu$ M), or DMSO (1:1,000). The mRNA levels of SREBF1 were determined by qPCR. (C–E) Marc-145 cells were transfected with siHNRNPA3 and infected with PEDV (MOI = 0.5), then incubated with LY294002/SP600125/trametinib or DMSO. The protein levels of SREBF1 were determined by western blot.  $\beta$ -Actin was used as a loading control. (F) Marc-145 cells were transfected and treated as described above. The cells were harvested for dual-luciferase assays. (G and H) Marc-145 cells were transfected and treated as described above. The mRNA levels of FASN and ACC1 were determined by qPCR, and the supernatant was harvested to assess the virus titer by TCID50. (I and J) Marc-145 cells were transfected and treated as described above. The mRNA and protein levels of ZNF135 were determined by qPCR and western blot.  $\beta$ -actin was used as a loading control. Three independent experiments were carried out. Error bars represent the mean  $\pm$  SD for triplicate experiments. \* $P < 0.05$ , \*\* $P < 0.01$ . ns, not significant. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/38259103>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



## Publications

Xiaojie Shi, Qi Zhang, Naling Yang, Quanqiong Wang, Yanxia Zhang, Xingang Xu, Xiang-Jin Meng, Ying Fang PEDV inhibits HNRNPA3 expression by miR-218-5p to enhance cellular lipid accumulation and promote viral replication mBio 2024-02-01 [PMID: 38259103]



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### **Products Related to NBP1-80913**

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NBP1-80913PEP	ZNF135 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

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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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