

# Product Datasheet

## Septin-9 Antibody - BSA Free

### NBP1-28711

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NBP1-28711**

Septin-9 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Description	Novus Biologicals Rabbit Septin-9 Antibody - BSA Free (NBP1-28711) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10801
Gene Symbol	SEPTIN9
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 536 and 586 of human septin 9 using the numbering given in entry NP_001106963.1 (GeneID 10801).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:1000 - 1:5000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin
Application Notes	Septin-9 antibody validated for WB, ICC/IF from verified customer reviews.

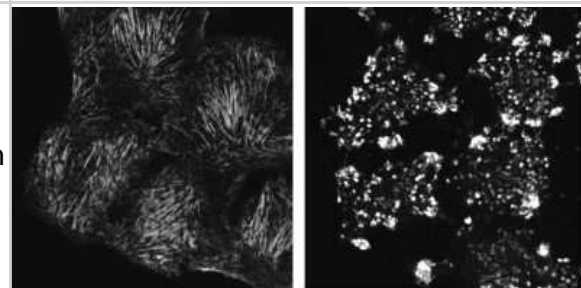


## Images

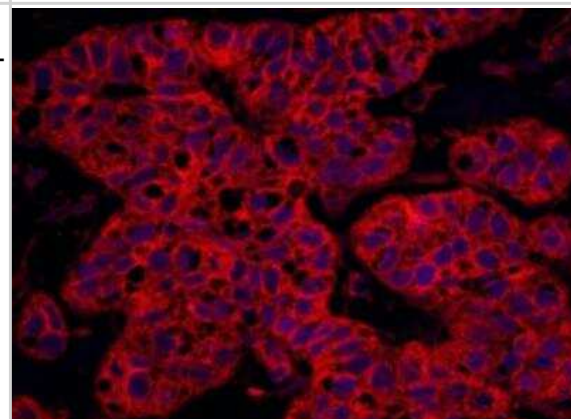
**Western Blot: Septin-9 Antibody [NBP1-28711] - Lane 1: marker. Lane 2:** 10mg of HeLa whole cell lysate probed with NBP1-28711 antibody 1:1000 in PBST. Blot blocked with 5% milk in PBS with 0.1% tween 20 probed overnight at 4C with NBP1-28711 at 1:1000 washed 3X PBST incubated with anti rabbit HRP secondary antibody, washed 3X PBST, developed with ECL prime kit GE healthcare. Image from verified customer review.



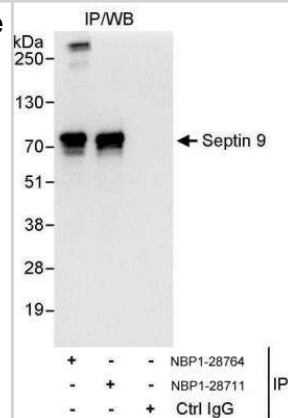
**Immunocytochemistry/Immunofluorescence: Septin-9 Antibody [NBP1-28711] - HeLa cells fixed with PFA (4%, 20 min, RT) with anti septin 9 antibody NBP1-28711 at 1:1000. Left panel:** Control localisation to sub nuclear filaments. Right panel: Cells treated with cytochalasin D to depolymerize F-actin. Note localization to ring like structures. Image from verified customer review.



**Immunohistochemistry-Paraffin: Septin-9 Antibody [NBP1-28711] - Section of human breast carcinoma. Antibody:** Affinity purified rabbit anti-Septin 9 used at a dilution of 1:1,000 (1ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight® 594 Conjugated used at a dilution of 1:100.



**Immunoprecipitation: Septin-9 Antibody [NBP1-28711] - Samples:** Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Septin 9 antibody NBP1-28711 used for IP at 3 ug/mg lysate. Septin 9 was also immunoprecipitated by rabbit anti-Septin 9 antibody NBP1-28764, which recognizes an upstream epitope. For blotting immunoprecipitated Septin 9, NBP1-28764 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



## Publications

Cykowska A, Hofmann U, Tiwari A et al. Biomechanical and biochemical assessment of YB-1 expression in A375 melanoma cell line: Exploratory study *Frontiers in Molecular Medicine* 2023-04-20 (Immunocytochemistry/Immunofluorescence, Human)



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### **Products Related to NBP1-28711**

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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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