

# 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

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

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	10801
<b>Gene Symbol</b>	SEPTIN9
<b>Species</b>	Human
<b>Immunogen</b>	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).

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

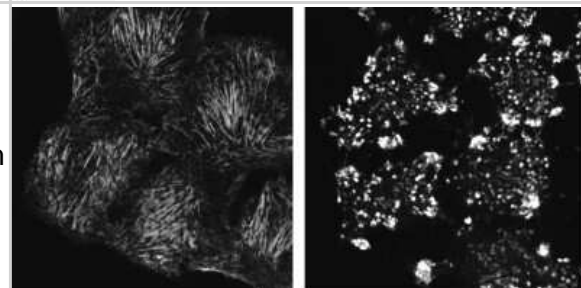


## Images

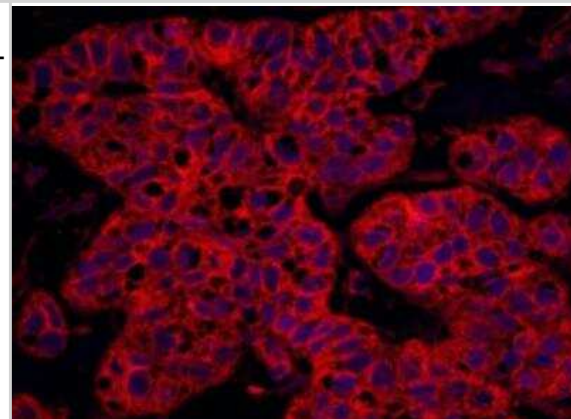
**Western Blot: Septin-9 Antibody [NBP1-28711] - Lane 1: marker. Lane 2:** 10mg of HeLa whole cell lysate probed with NBP1-28711 antibody 1:1000 in PBST. Blot blocked with 5% milk in PBS with 0.1% tween 20 probed overnight at 4C with NBP1-28711 at 1:1000 washed 3X PBST incubated with anti rabbit HRP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



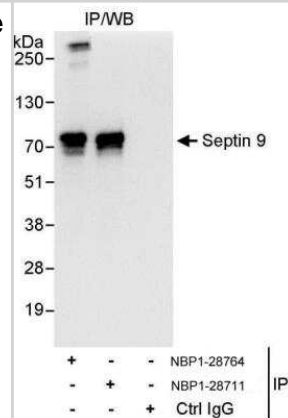
**Immunocytochemistry/Immunofluorescence: Septin-9 Antibody [NBP1-28711] - HeLa cells fixed with PFA (4%, 20 min, RT) with anti septin 9 antibody NBP1-28711 at 1:1000. Left panel:** Control localisation to sub nuclear filaments. Right panel: Cells treated with cytochalasin D to depolymerize F-actin. 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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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010801-P01-10ug	Recombinant Human Septin-9 GST (N-Term) Protein

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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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