

# Product Datasheet

## USP1 Antibody - BSA Free NB100-88117

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-88117**

USP1 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)

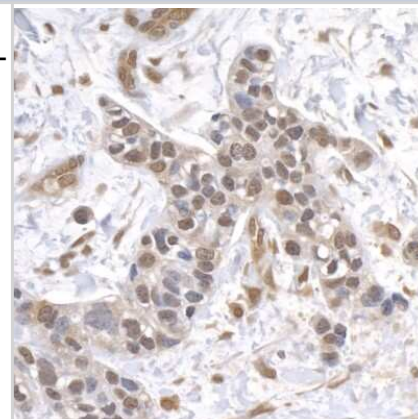
Product Description	
Host	Rabbit
Gene ID	7398
Gene Symbol	USP1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 450 and 500 of human ubiquitin-specific-processing protease 1 using the numbering given in entry NP_003359.3 (GenelD 7398).

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Western Blot (Negative)
Recommended Dilutions	Immunohistochemistry 1:1000- 1:5000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000- 1:5000, Western Blot (Negative)
Application Notes	Epitope retrieval with citrate buffer pH 6.0 or TrisEDTA pH 9.0 is recommended for FFPE tissue sections.

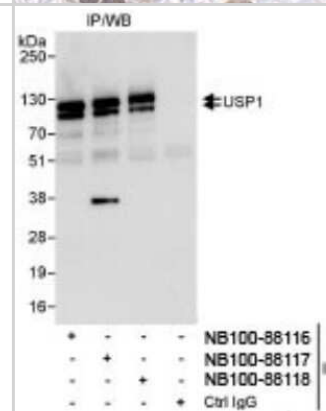


## Images

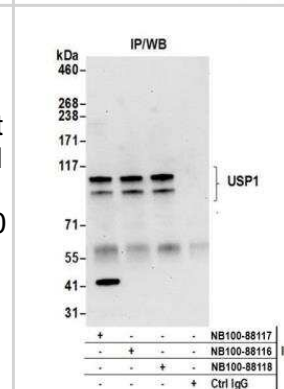
Immunohistochemistry-Paraffin: USP1 Antibody [NB100-88117] - Section of human breast carcinoma. Antibody: Affinity purified rabbit anti-USP1 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



Immunoprecipitation: USP1 Antibody [NB100-88117] - Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. NB100-88117 used for IP at 3 mcg/mg lysate. USP1 was also immunoprecipitated by NB100-88116 and NB100-88118, which recognize other epitopes.



Immunoprecipitation: USP1 Antibody [NB100-88117] - Detection of human USP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-USP1 antibody NB100-88117 used for IP at 6 ug per reaction. USP1 was also immunoprecipitated by rabbit anti-USP1 antibodies NB100-88116 and NB100-88118. For blotting immunoprecipitated USP1, NB100-88117 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Yang K, Moldovan GL, Vinciguerra P et al. Regulation of the Fanconi anemia pathway by a SUMO-like delivery network. *Genes Dev* 2011-09-01 [PMID: 21896657]

Murai J, Yang K, Dejsuphong D et al. The USP1/UAF1 complex promotes double-strand break repair through homologous recombination. *Mol Cell Biol* 2011-06-01 [PMID: 21482670]



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### **Products Related to NB100-88117**

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NBL1-17642	USP1 Overexpression Lysate
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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