

# Product Datasheet

## USP4 Antibody - BSA Free NB100-2869

Unit Size: 100 ul

Store at 4C. Do not freeze.

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### Publications: 1

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**NB100-2869**

USP4 Antibody - BSA Free

**Product Information**

<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)

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit USP4 Antibody - BSA Free (NB100-2869) is a polyclonal antibody validated for use in WB and IP. Anti-USP4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7375
<b>Gene Symbol</b>	USP4
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 925 and the C-terminus (residue 963) of human Ubiquitin Specific Protease 4 using the numbering given in entry AAB72237.1 (GeneID 7375).

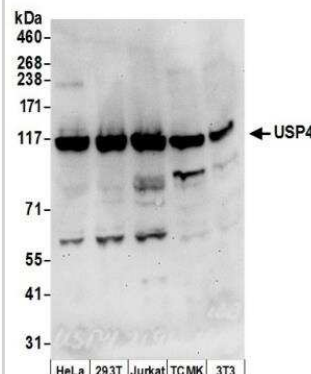
**Product Application Details**

<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunoprecipitation 2-5 ug/mg lysate

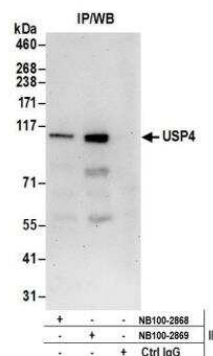


## Images

**Western Blot: USP4 Antibody [NB100-2869] - Detection of Human and Mouse USP4 by Western Blot.** Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-USP4 antibody NB100-2869 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



**Immunoprecipitation: USP4 Antibody [NB100-2869] - Detection of human USP4 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-USP4 antibody NB100-2869 used for IP at 6 ug per reaction. USP4 was also immunoprecipitated by rabbit anti-USP4 antibody NB100-2868. For blotting immunoprecipitated USP4, NB100-2869 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Song EJ, Werner SL, Neubauer J et al. The Prp19 complex and the Usp4Sart3 deubiquitinating enzyme control reversible ubiquitination at the spliceosome. *Genes Dev* 2010-07-01 [PMID: 20595234]



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### **Products Related to NB100-2869**

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NBL1-17663	USP4 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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