

# Product Datasheet

## SUMO2 Antibody - BSA Free

### NBP1-77163

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### Publications: 2

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**NBP1-77163**

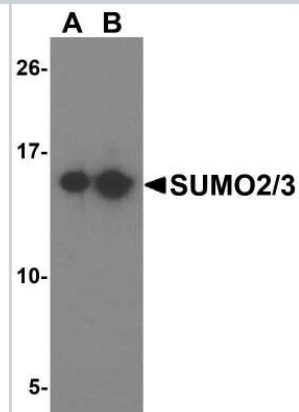
SUMO2 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	15 kDa
Product Description	
Host	Rabbit
Gene ID	6613
Gene Symbol	SUMO2
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human SUMO2. The immunogen is located within the last 50 amino acids of SUMO2/3. Amino Acid Sequence: DGQPINETDTPAQLE
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml, Proximity Ligation Assay
Application Notes	Use in PLA reported in scientific publication PMID: 32690953



## Images

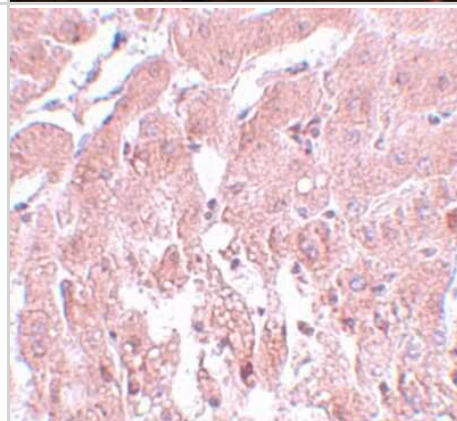
Western Blot: SUMO2 Antibody [NBP1-77163] - Analysis of SUMO2/3 in Jurkat cell lysate with SUMO2/3 antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry/Immunofluorescence: SUMO2 Antibody [NBP1-77163] - Rat liver tissue at 20 ug/mL.



Immunohistochemistry-Paraffin: SUMO2 Antibody [NBP1-77163] - Rat liver tissue with SUMO2/3 antibody at 5 ug/mL.



## Publications

Xu H, Akinyemi IA, Haley J et al. ATM, KAP1 and the Epstein-Barr virus polymerase processivity factor direct traffic at the intersection of transcription and replication *Nucleic acids research* 2023-10-19 [PMID: 37852757] (IP, Human)

Volcic M, Sparrer KMJ, Koepke L et al. Vpu modulates DNA repair to suppress innate sensing and hyper-integration of HIV-1 *Nat Microbiol* 2020-07-20 [PMID: 32690953] (ICC/IF, Human)



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### **Products Related to NBP1-77163**

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NBP1-77163PEP	SUMO2 Antibody Blocking Peptide
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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