

# Product Datasheet

## RMI2 Antibody - BSA Free NBP1-89962

Unit Size: 0.1 ml

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

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**NBP1-89962**

RMI2 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

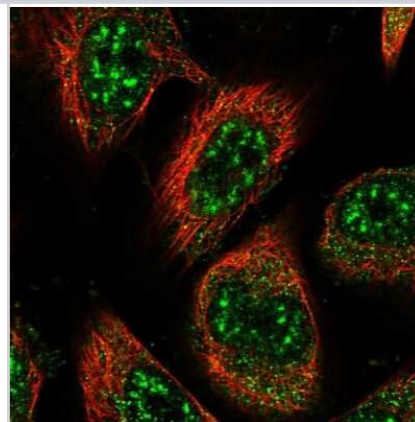
<b>Host</b>	Rabbit
<b>Gene ID</b>	116028
<b>Gene Symbol</b>	RMI2
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GKYVMVMGVVQACSPEPCLQAVKMTDLSDNPIHESMWELEVEDLHRNI

**Product Application Details**

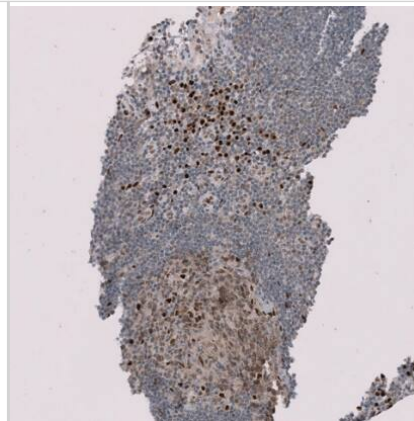
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot Reactivity reported (PMID: 33500419), Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

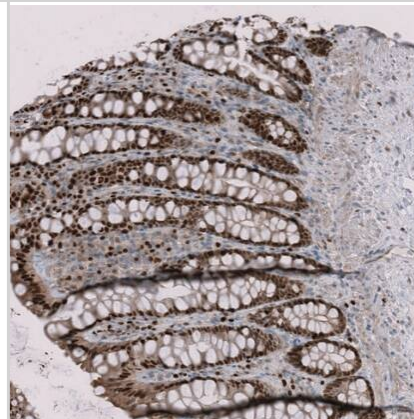
Immunocytochemistry/Immunofluorescence: RMI2 Antibody [NBP1-89962] - Staining of human cell line U-251 MG shows localization to nuclear speckles and cytosol. Antibody staining is shown in green.



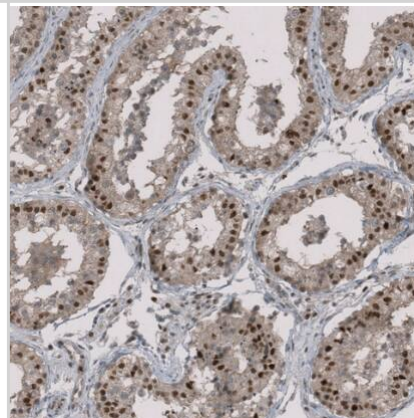
Immunohistochemistry-Paraffin: RMI2 Antibody [NBP1-89962] - Staining of human lymph node shows strong nuclear positivity in germinal-center and non-germinal center cells.



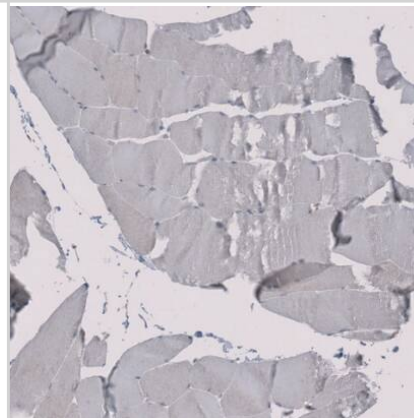
Immunohistochemistry-Paraffin: RMI2 Antibody [NBP1-89962] - Staining of human colon shows strong nuclear positivity in lymphoid cells and glandular cells.



Immunohistochemistry-Paraffin: RMI2 Antibody [NBP1-89962] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: RMI2 Antibody [NBP1-89962] - Staining of human skeletal muscle shows no nuclear positivity in myocytes as expected.



## Publications

Gonzalez-Acosta D, Blanco-Romero E, Ubieto-Capella P et al. PrimPol-mediated repriming facilitates replication traverse of DNA interstrand crosslinks The EMBO journal 2021-06-15 [PMID: 34128550]

Andrew N. Blackford, Jadwiga Nieminuszczy, Rebekka A. Schwab, Yaron Galanty, Stephen P. Jackson, Wojciech Niedzwiedz TopBP1 Interacts with BLM to Maintain Genome Stability but Is Dispensable for Preventing BLM Degradation Molecular Cell 2015-03-19 [PMID: 25794620]

Shorrocks AK, Jones SE, Tsukada K, et al. The Bloom syndrome complex senses RPA-coated single-stranded DNA to restart stalled replication forks Nature communications 2021-01-26 [PMID: 33500419] (WB)

Wu W, Rokutanda N et al. HERC2 Facilitates BLM and WRN Helicase Complex Interaction with RPA to Suppress G-Quadruplex DNA. Cancer Res 2018-11-15 [PMID: 30279242] (WB, Human)





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### **Products Related to NBP1-89962**

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NBP1-89962PEP	RMI2 Recombinant Protein Antigen
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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