

# Product Datasheet

## RB1 Antibody - BSA Free NBP2-20127

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-20127**

RB1 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>                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| <b>Clonality</b>               | Polyclonal                                                                                                       |
| <b>Preservative</b>            | 0.025% Proclin 300                                                                                               |
| <b>Isotype</b>                 | IgG                                                                                                              |
| <b>Purity</b>                  | Antigen Affinity-purified                                                                                        |
| <b>Buffer</b>                  | PBS, 20% Glycerol                                                                                                |
| <b>Target Molecular Weight</b> | 106 kDa                                                                                                          |

**Product Description**

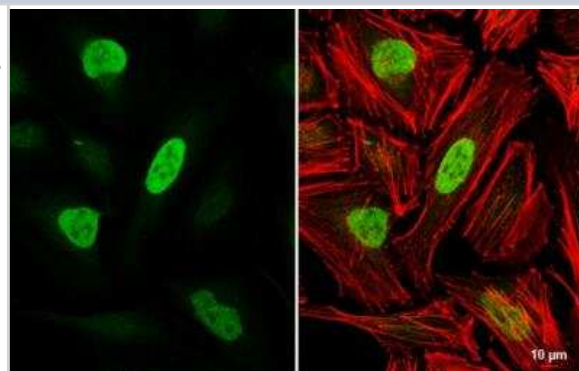
|                         |                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>             | Rabbit                                                                                                                    |
| <b>Gene ID</b>          | 5925                                                                                                                      |
| <b>Gene Symbol</b>      | RB1                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                     |
| <b>Reactivity Notes</b> | Chicken (82%).                                                                                                            |
| <b>Immunogen</b>        | Recombinant protein encompassing a sequence within the C-terminus region of human RB1. The exact sequence is proprietary. |

**Product Application Details**

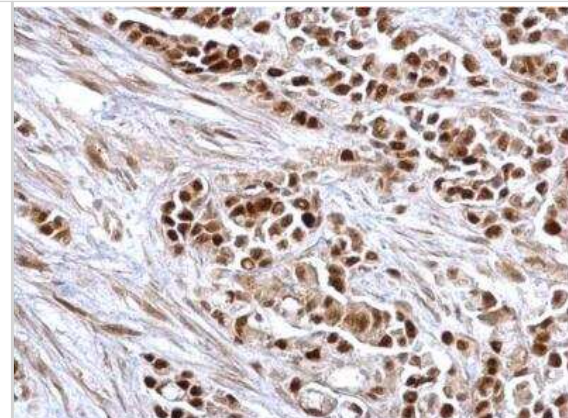
|                              |                                                                                                                                                                                                    |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation                                                                     |
| <b>Recommended Dilutions</b> | Western Blot Assay dependent, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000 |

**Images**

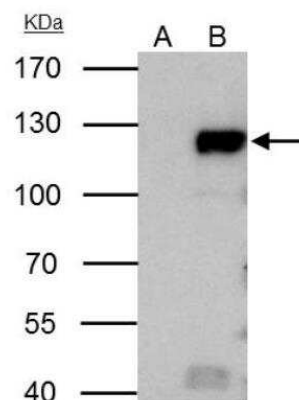
Immunocytochemistry/Immunofluorescence: RB1 Antibody [NBP2-20127] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Rb stained by Rb antibody diluted at 1:500. Red: phalloidin, a cytoskeleton marker, diluted at 1:200. Scale bar= 10 um.



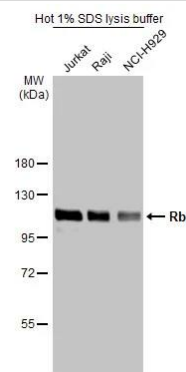
Immunohistochemistry-Paraffin: RB1 Antibody [NBP2-20127] - Human colon carcinoma. Rb antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based) buffer, 15min



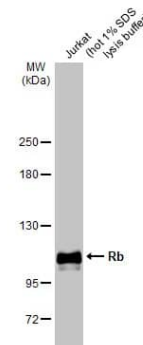
Immunoprecipitation: RB1 Antibody [NBP2-20127] - HeLa whole cell extract A. Control with 4 ug of preimmune Rabbit IgG B. Immunoprecipitation of retinoblastoma 1 protein by 4 ug Rb1 antibody 7.5 % SDS-PAGE The immunoprecipitated retinoblastoma 1 protein was detected by Rb1 antibody diluted at 1:500. [EasyBlot anti-rabbit IgG was used as a secondary reagent]



Western Blot: RB1 Antibody [NBP2-20127] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with RB1 antibody (NBP2-20127) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: RB1 Antibody [NBP2-20127] - Whole cell extract (30 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with RB1 antibody (NBP2-20127) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Weber M, Nguyen MB, Li MY et al. Merkel cell polyomavirus T-antigen-mediated reprogramming in adult Merkel cell progenitors The Journal of investigative dermatology 2023-05-29 [PMID: 37257637] (IHC, Mouse)



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### **Products Related to NBP2-20127**

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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                          |
| NBP2-35240-10ug | Recombinant Human RB1 His 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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