

# Product Datasheet

## MED27 Antibody - BSA Free NBP1-84377

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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**NBP1-84377**

MED27 Antibody - BSA Free

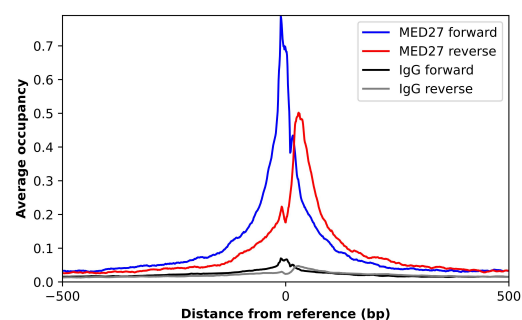
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C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

| Product Description |   |
|---------------------|---|
| Description         | Novus Biologicals Rabbit MED27 Antibody - BSA Free (NBP1-84377) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit  |
| Gene ID             | 9442  |
| Gene Symbol         | MED27   |
| Species             | Human   |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>KPSENHPLHNSGLLSLDPVQDKTPLYSQLQAYKWSNKLQYHAGLASGLLNQ<br>QSLKRSANQMGVSAKRRPKAQP TTLVLPPQYVDDVISRIDR            |

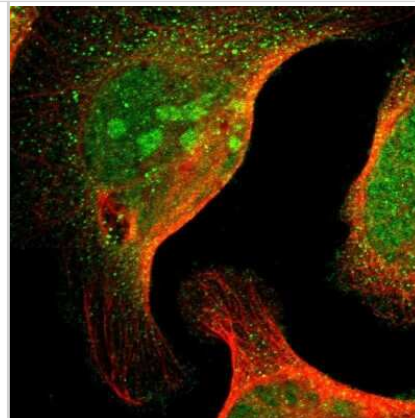
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry  |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.<br>Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.               |

**Images**

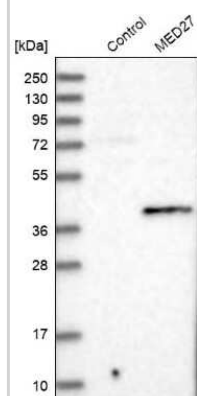
ChIP-Exo-Seq composite graph for Anti-MED27 (NBP1-84377) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



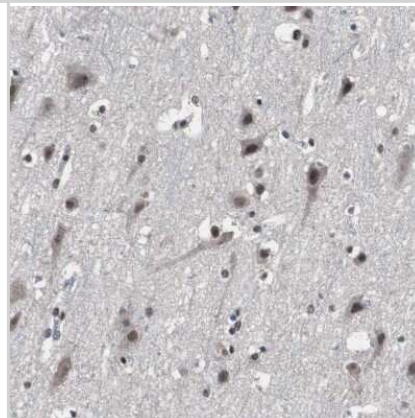
Immunocytochemistry/Immunofluorescence: MED27 Antibody [NBP1-84377] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleus, nucleoli & cytosol.



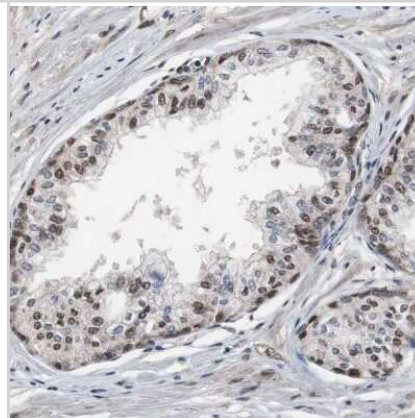
Western Blot: MED27 Antibody [NBP1-84377] - Analysis in control (vector only transfected HEK293T lysate) and MED27 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



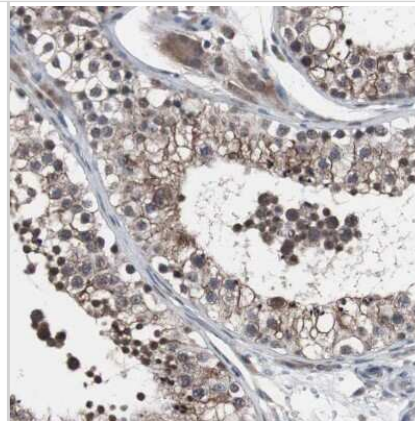
Immunohistochemistry-Paraffin: MED27 Antibody [NBP1-84377] - Staining of human cerebral cortex shows moderate nuclear positivity in neurons and glial cells.



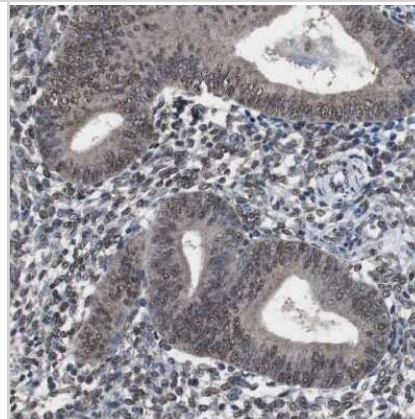
Immunohistochemistry-Paraffin: MED27 Antibody [NBP1-84377] - Staining of human prostate shows moderate nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: MED27 Antibody [NBP1-84377] - Staining of human testis shows weak to moderate nuclear and cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: MED27 Antibody [NBP1-84377] - Staining of human endometrium shows moderate nuclear positivity in glandular cells.





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### **Products Related to NBP1-84377**

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|               |   |
|---------------|---|
| NBP1-84377PEP | MED27 Recombinant Protein Antigen                   |
| NBP2-33376H   | Blue Marker Antibody (6F4-F6) [HRP]                 |
| 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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