

# Product Datasheet

## CBS Antibody (519) - Azide and BSA Free NBP2-43604

Unit Size: 0.1 ml

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

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**NBP2-43604**

CBS Antibody (519) - Azide and BSA Free

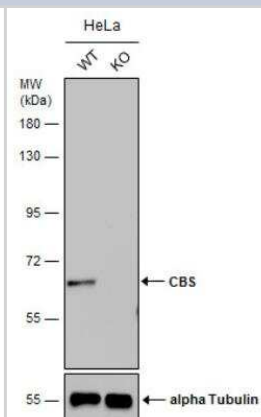
| Product Information     |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size               | 0.1 ml                                                                                                           |
| Concentration           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality               | Monoclonal                                                                                                       |
| Clone                   | 519                                                                                                              |
| Preservative            | No Preservative                                                                                                  |
| Isotype                 | IgG1                                                                                                             |
| Purity                  | Protein G purified                                                                                               |
| Buffer                  | PBS                                                                                                              |
| Target Molecular Weight | 61 kDa                                                                                                           |

| Product Description |                                                                                                                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Knockout (KO) Validated Mouse CBS Antibody (519) - Azide and BSA Free (NBP2-43604) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                                              |
| Gene ID             | 875                                                                                                                                                                                                                                |
| Gene Symbol         | CBS                                                                                                                                                                                                                                |
| Species             | Human, Mouse, Rat, Zebrafish                                                                                                                                                                                                       |
| Reactivity Notes    | Xenopus laevis (93%).                                                                                                                                                                                                              |
| Immunogen           | Recombinant protein encompassing a sequence within the center region of human CBS. The exact sequence is proprietary.                                                                                                              |

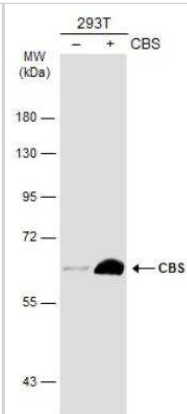
| Product Application Details |                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated, Knockout Validated                                        |
| Recommended Dilutions       | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated, Knockdown Validated |

**Images**

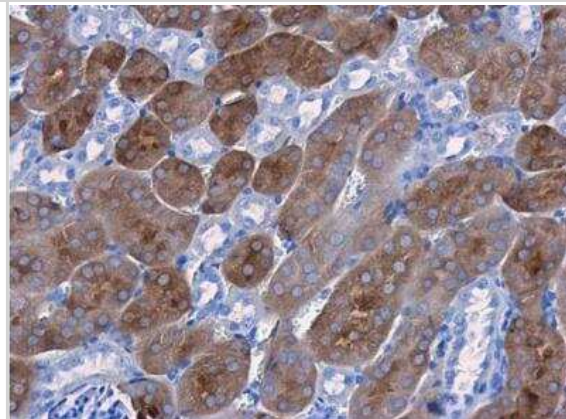
Western Blot: CBS Antibody (519) [NBP2-43604] - Wild-type (WT) and CBS knockout (KO) HeLa cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CBS antibody [GT519]. HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



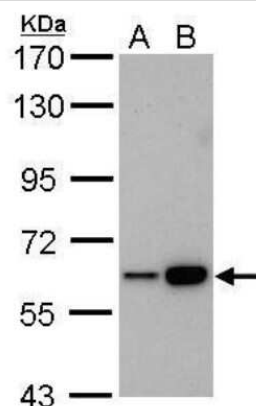
Western Blot: CBS Antibody (519) [NBP2-43604] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CBS antibody (519) diluted at 1:1000. HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



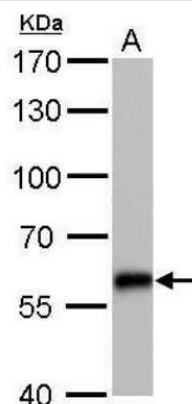
Immunohistochemistry-Paraffin: CBS Antibody (519) [NBP2-43604] - Paraffin-embedded mouse kidney. CBS antibody [519] diluted at 1:250.



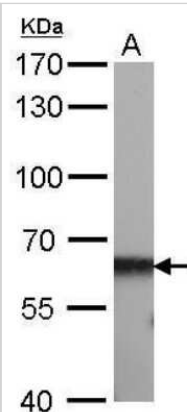
Western Blot: CBS Antibody (519) [NBP2-43604] - Analysis of A. 30 ug Raji whole cell lysate/extract B. 30 ug K562 whole cell lysate/extract 7.5 % SDS-PAGE CBS antibody [519] dilution: 1:1000



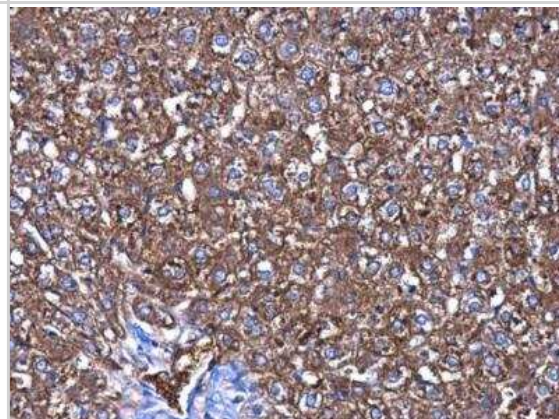
Western Blot: CBS Antibody (519) [NBP2-43604] - Analysis of A. 50 ug mouse liver lysate/extract 7.5 % SDS-PAGE CBS antibody [519] dilution: 1:2000.



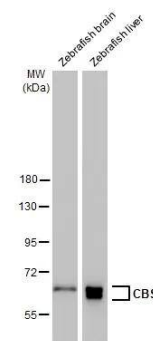
Western Blot: CBS Antibody (519) [NBP2-43604] - Analysis of A. 50 ug rat liver lysate/extract 7.5 % SDS-PAGE CBS antibody [519] dilution: 1:1000



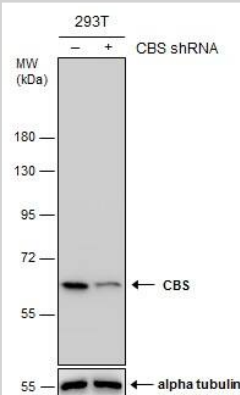
Immunohistochemistry-Paraffin: CBS Antibody (519) [NBP2-43604] - Paraffin-embedded rat liver. CBS antibody [519] diluted at 1:250.



Various tissue extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CBS antibody [GT519] (NBP2-43604) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CBS antibody [GT519] (NBP2-43604) diluted at 1:500.





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### **Products Related to NBP2-43604**

|                  |                                                    |
|------------------|----------------------------------------------------|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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