

# Product Datasheet

## LACTB Antibody - BSA Free

### NBP1-91701

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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**NBP1-91701**

LACTB 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**

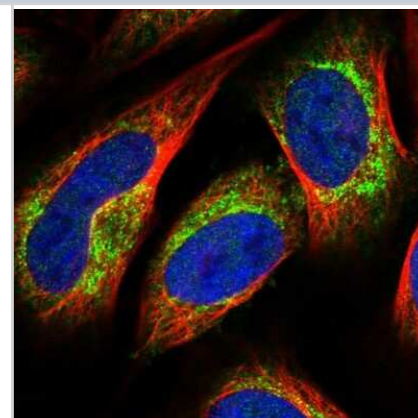
|                    |                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit LACTB Antibody - BSA Free (NBP1-91701) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                |
| <b>Gene ID</b>     | 114294                                                                                                                                                                                                |
| <b>Gene Symbol</b> | LACTB                                                                                                                                                                                                 |
| <b>Species</b>     | Human, Mouse, Rat                                                                                                                                                                                     |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>KEGKSNEKNDFTKFKTEQENEAKCRNSKPGKKKNDFEQGELYLREKFENSIES<br>LRLFKNDPLFFKPGSQFLYSTFGYTLL                         |

**Product Application Details**

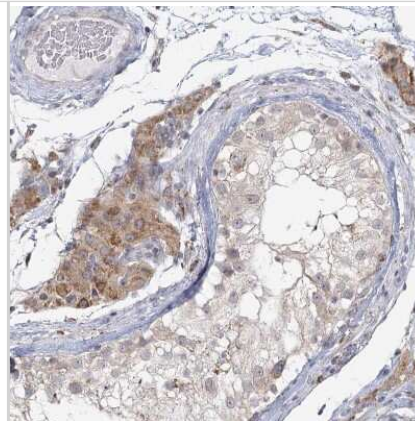
|                              |                                                                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                          |
| <b>Recommended Dilutions</b> | Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.                                                      |

**Images**

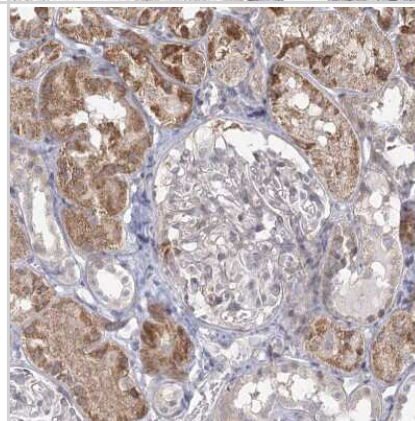
Immunocytochemistry/Immunofluorescence: LACTB Antibody [NBP1-91701] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



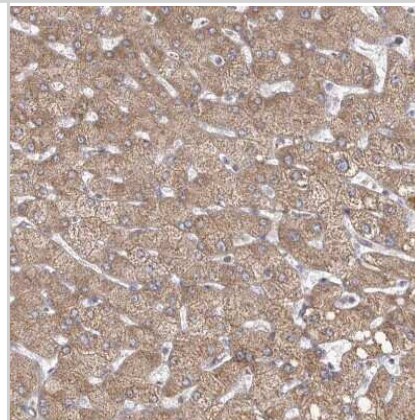
Immunohistochemistry-Paraffin: LACTB Antibody [NBP1-91701] - Staining of human testis shows moderate granular cytoplasmic positivity in Leydig cells.



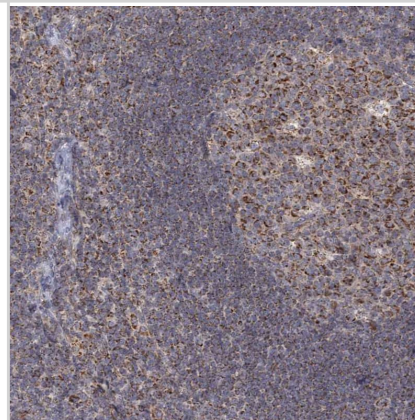
Immunohistochemistry-Paraffin: LACTB Antibody [NBP1-91701] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



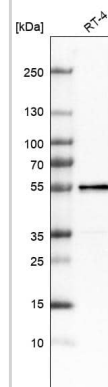
Immunohistochemistry-Paraffin: LACTB Antibody [NBP1-91701] - Staining of human liver shows moderate granular cytoplasmic positivity in hepatocytes.



Staining of human lymph node shows strong granular cytoplasmic positivity in germinal center cells.



Analysis in human cell line RT-4.





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### **Products Related to NBP1-91701**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-91701PEP | LACTB 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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