

# Product Datasheet

## LAX1 Antibody - BSA Free NBP1-83661

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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**NBP1-83661**

LAX1 Antibody - BSA Free

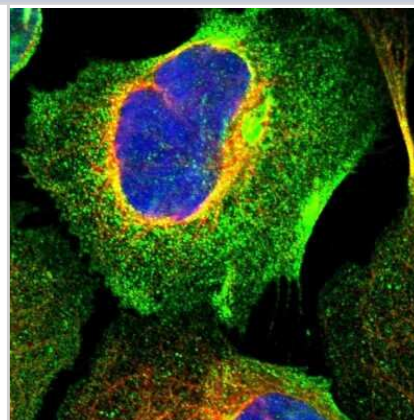
| Product Information  |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -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>        | Affinity purified  |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol  |

| Product Description |  |
|---------------------|--|
| <b>Description</b>  | Novus Biologicals Rabbit LAX1 Antibody - BSA Free (NBP1-83661) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.   |
| <b>Host</b>         | Rabbit   |
| <b>Gene ID</b>      | 54900  |
| <b>Gene Symbol</b>  | LAX1   |
| <b>Species</b>      | Human  |
| <b>Immunogen</b>    | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>PWRQEDLGRHESRSMRIFSTESLLSRNSESPEHVPSQAGNAFQEHTAHHATE<br>YAVGIYDNAMVPQMCGNLTSAHCINVRASRDCASISSEDSHDYVNVPTAEEIA<br>ETLASTKSPSRNLFVLPSTQKLEFTEERDEGCGDAGDC |

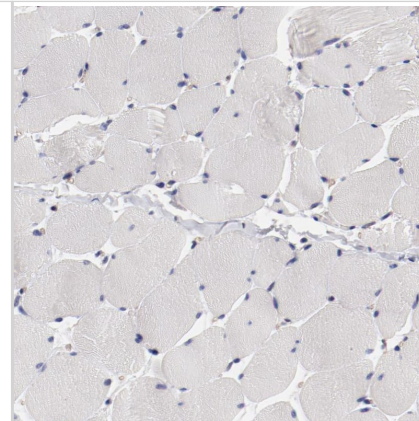
| Product Application Details  |   |
|------------------------------|---|
| <b>Applications</b>          | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry  |
| <b>Recommended Dilutions</b> | Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.                          |

**Images**

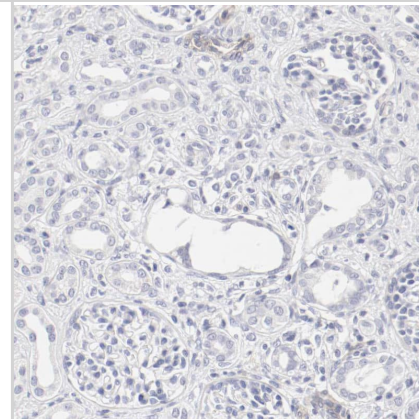
Immunocytochemistry/Immunofluorescence: LAX1 Antibody [NBP1-83661] - Immunofluorescent staining of human cell line U-2 OS shows localization to plasma membrane & cytosol.



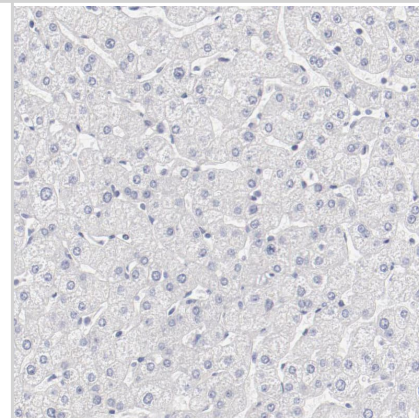
Staining of human skeletal muscle shows no positivity as expected.



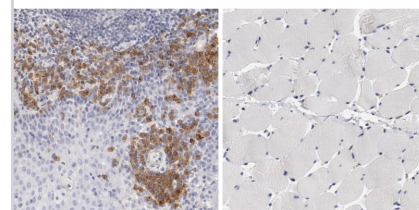
Staining of human kidney shows no positivity as expected.



Staining of human liver shows no positivity as expected.

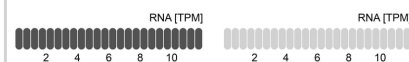


Analysis in human tonsil and skeletal muscle tissues using NBP1-83661 antibody. Corresponding LAX1 RNA-seq data are presented for the same tissues.

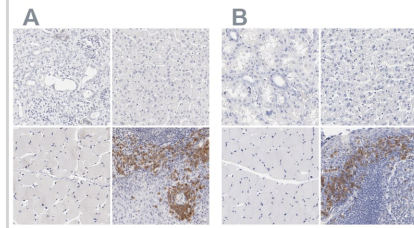


LAX1 in Tonsil

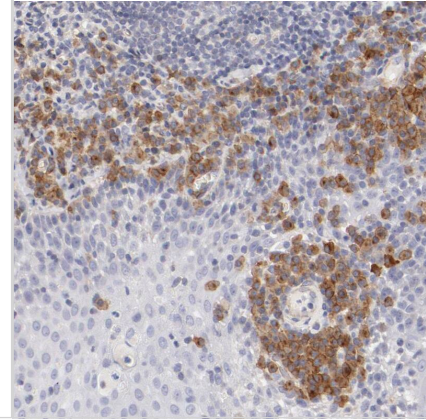
LAX1 in Skeletal muscle



Staining of human kidney, liver, skeletal muscle and tonsil using Anti-LAX1 antibody NBP1-83661 (A) shows similar protein distribution across tissues to independent antibody NBP1-83662 (B).



Staining of human tonsil shows cytoplasmic positivity in a subset of non-germinal center cells).





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### **Products Related to NBP1-83661**

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|               |   |
|---------------|---|
| NBP1-83661PEP | LAX1 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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