

# Product Datasheet

## LAP3 Antibody - BSA Free NBP1-82847

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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**NBP1-82847**

LAP3 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**

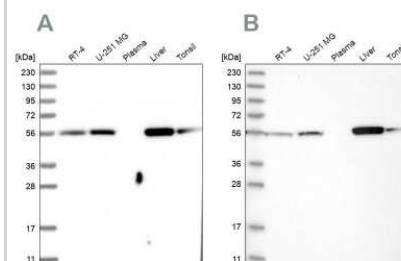
<b>Host</b>	Rabbit
<b>Gene ID</b>	51056
<b>Gene Symbol</b>	LAP3
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (82%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: AGRVVVRRLAVRRFGSRSLSTADMTKGLVLGIYSKEKEDDVPQFTSAGENFDK LLAGKLRETLNISGPPLKAGKTRTFYGLHQDFPSVVLVG

**Product Application Details**

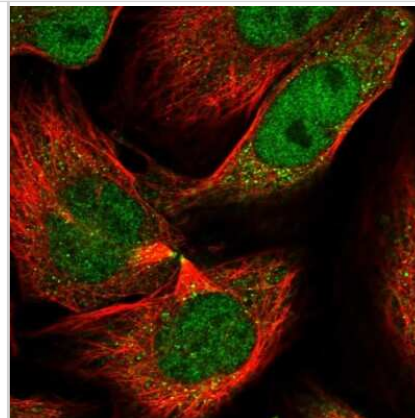
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

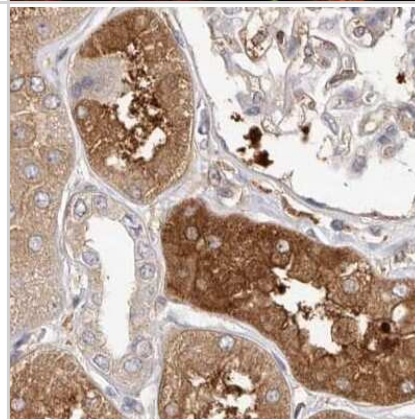
Western Blot: LAP3 Antibody [NBP1-82847] - Analysis using Anti-LAP3 antibody NBP1-82847 (A) shows similar pattern to independent antibody NBP1-82848 (B).



Immunocytochemistry/Immunofluorescence: LAP3 Antibody [NBP1-82847] - Staining of human cell line U-251 MG shows localization to nucleoplasm, cytosol & midbody.



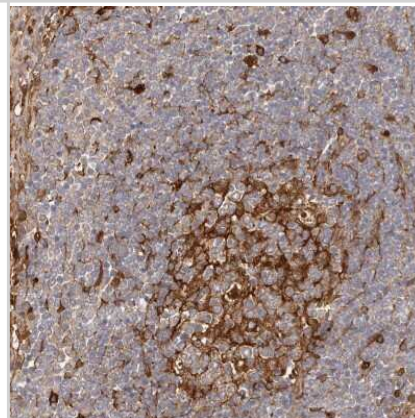
Immunohistochemistry-Paraffin: LAP3 Antibody [NBP1-82847] - Staining of human kidney.



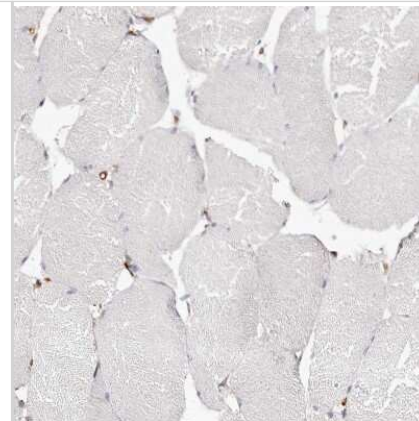
Immunohistochemistry-Paraffin: LAP3 Antibody [NBP1-82847] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



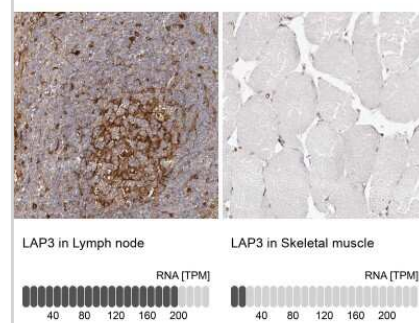
Immunohistochemistry-Paraffin: LAP3 Antibody [NBP1-82847] - Staining of human lymph node shows high expression.



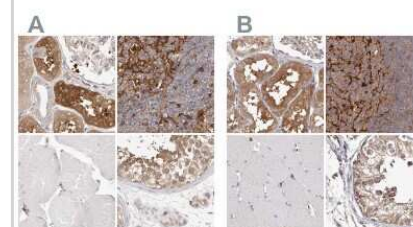
Immunohistochemistry-Paraffin: LAP3 Antibody [NBP1-82847] - Staining of human skeletal muscle shows low expression as expected.



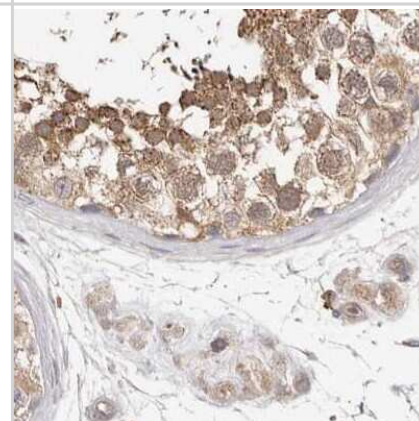
Immunohistochemistry-Paraffin: LAP3 Antibody [NBP1-82847] - Staining in human lymph node and skeletal muscle tissues using anti-LAP3 antibody. Corresponding LAP3 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: LAP3 Antibody [NBP1-82847] - Staining of human kidney, lymph node, skeletal muscle and testis using Anti-LAP3 antibody NBP1-82847 (A) shows similar protein distribution across tissues to independent antibody NBP1-82848 (B).



Immunohistochemistry-Paraffin: LAP3 Antibody [NBP1-82847] - Staining of human testis.





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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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