

Product Datasheet

LAPTM4B Antibody (CL5289) - Azide and BSA Free NBP3-44247

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-44247

LAPTM4B Antibody (CL5289) - Azide and BSA Free

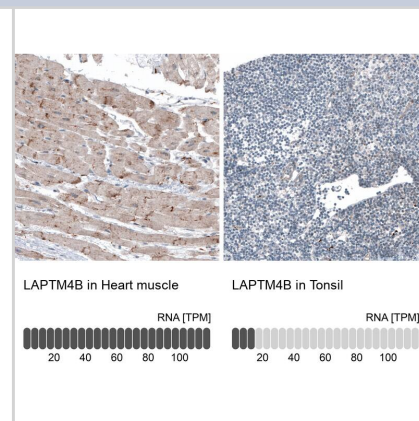
| Product Information | |
|-----------------------------|--|
| Unit Size | 100 ul |
| Concentration | LYOPH mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | CL5289 |
| Preservative | 0.02% Sodium Azide |
| Reconstitution Instructions | Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml. |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | Lyophilized in 5% Trehalose. |

| Product Description | |
|---------------------|---|
| Host | Mouse |
| Gene ID | 55353 |
| Gene Symbol | LAPTM4B |
| Species | Human |
| Immunogen | This antibody was generated using a synthetic peptide of Q86VI4, with the exact immunogen sequence remaining proprietary. |

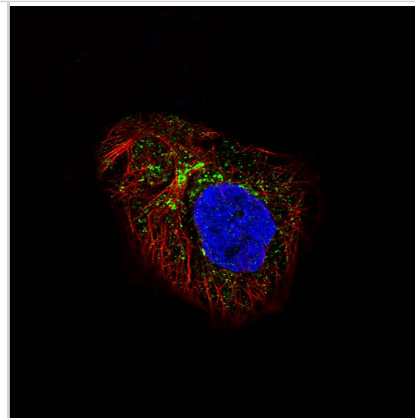
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. |

Images

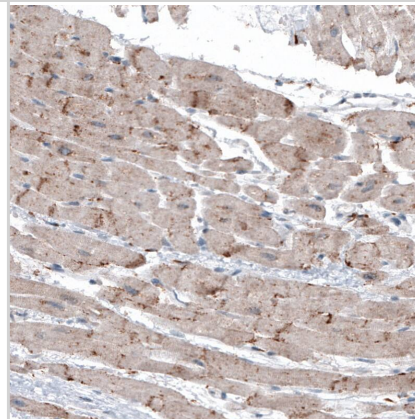
Analysis in human heart muscle and tonsil tissues using NBP3-44247 antibody. Corresponding LAPTM4B RNA-seq data are presented for the same tissues.



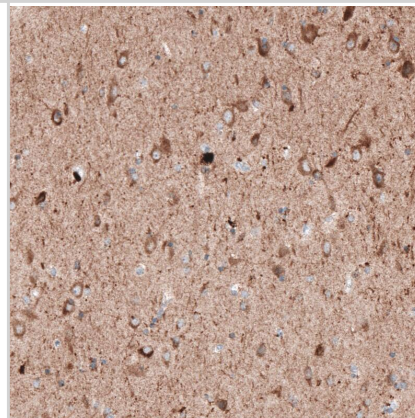
Staining of A-431 cells using the Anti-LAPTM4B monoclonal antibody) .



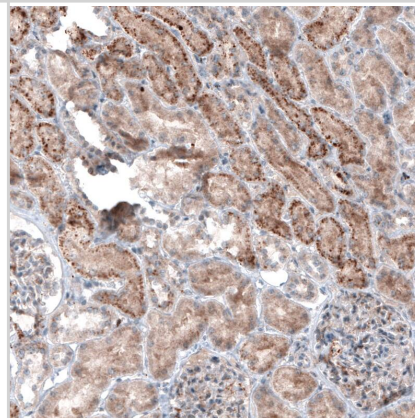
Staining of human heart muscle shows moderate granular cytoplasmic positivity in cardiomyocytes.



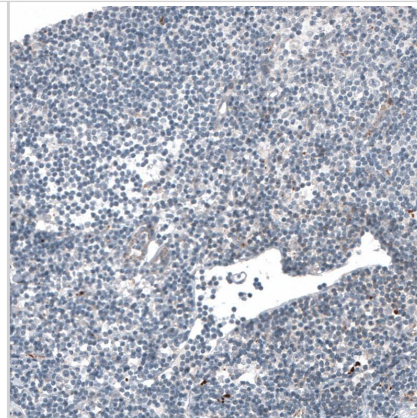
Staining of human cerebral cortex shows moderate to strong granular cytoplasmic positivity in neurons.



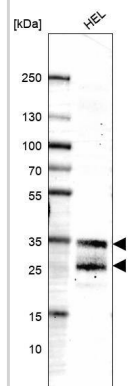
Staining of human kidney shows moderate to strong granular cytoplasmic positivity in cells in tubules.



Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Analysis in human cell line HEL.





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Products Related to NBP3-44247

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NBP2-56880PEP | LAPTM4B Recombinant Protein Antigen |

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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