

# Product Datasheet

## alpha 2-Macroglobulin-like 1/A2ML1 Antibody - BSA Free NBP1-84392

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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### Publications: 2

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**NBP1-84392**

alpha 2-Macroglobulin-like 1/A2ML1 Antibody - BSA Free

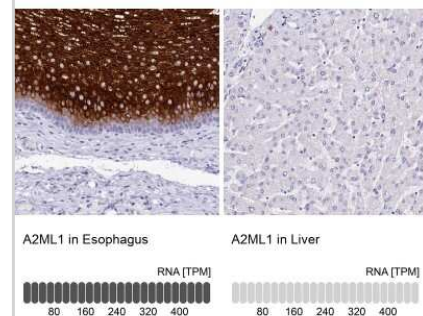
| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml   |
| Concentration           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality               | Polyclonal   |
| Preservative            | 0.02% Sodium Azide   |
| Isotype                 | IgG  |
| Purity                  | Immunogen affinity purified  |
| Buffer                  | PBS (pH 7.2) and 40% Glycerol  |
| Target Molecular Weight | 161 kDa  |

| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Rabbit alpha 2-Macroglobulin-like 1/A2ML1 Antibody - BSA Free (NBP1-84392) is a polyclonal antibody validated for use in IHC. Anti-alpha 2-Macroglobulin-like 1/A2ML1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit   |
| Gene ID             | 144568   |
| Gene Symbol         | A2ML1  |
| Species             | Human  |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>RYTYGKPM LGAVQVSVCQKANTYWYREVEREQLPDKCRNLSGQTDKTGCFS<br>APVDMATFDLIGYAYSHQINIVATVVEEGTGVEANATQNIY   |

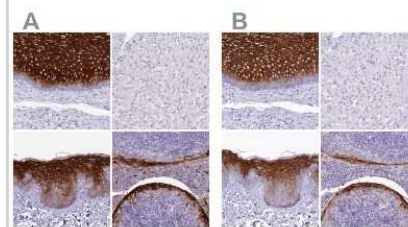
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Immunohistochemistry-Paraffin, Immunohistochemistry                           |
| Recommended Dilutions       | Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                         |

**Images**

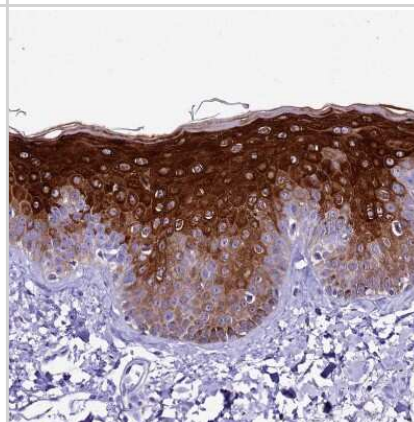
Immunohistochemistry-Paraffin: alpha 2-Macroglobulin-like 1/A2ML1 Antibody [NBP1-84392] - Analysis in human esophagus and liver tissues. Corresponding A2ML1 RNA-seq data are presented for the same tissues.



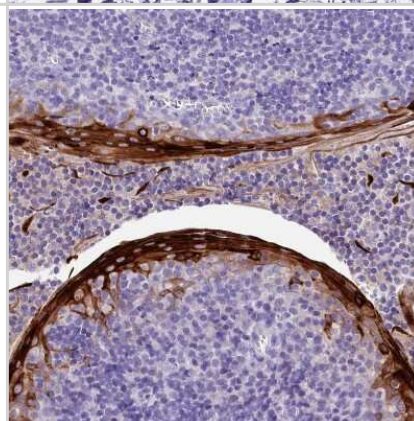
Immunohistochemistry-Paraffin: alpha 2-Macroglobulin-like 1/A2ML1 Antibody [NBP1-84392] - Staining of human esophagus, liver, skin and tonsil using Anti-A2ML1 antibody NBP1-84392 (A) shows similar protein distribution across tissues to independent antibody NBP2-32647 (B).



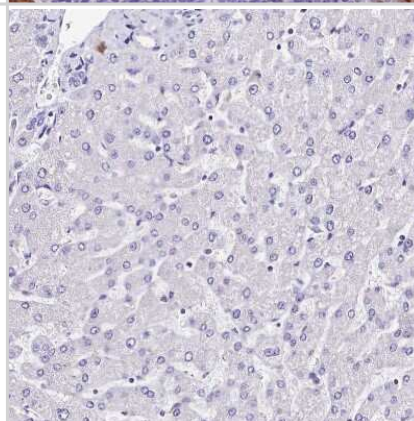
Immunohistochemistry-Paraffin: alpha 2-Macroglobulin-like 1/A2ML1 Antibody [NBP1-84392] - Staining of human skin shows strong cytoplasmic positivity in epidermal cells.



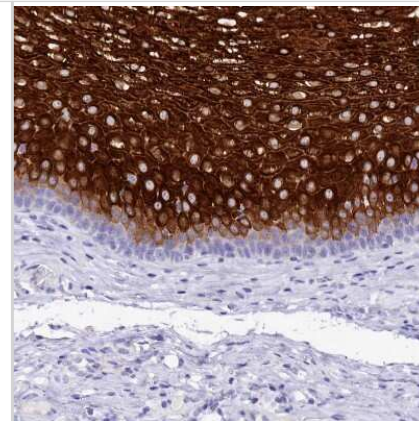
Immunohistochemistry-Paraffin: alpha 2-Macroglobulin-like 1/A2ML1 Antibody [NBP1-84392] - Staining of human tonsil shows strong cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: alpha 2-Macroglobulin-like 1/A2ML1 Antibody [NBP1-84392] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: alpha 2-Macroglobulin-like 1/A2ML1 Antibody [NBP1-84392] - Staining of human esophagus shows strong cytoplasmic positivity in squamous epithelial cells.



## Publications

Babu S, Horowitz M, Delgado-Coka LA et al. Keratin 17 and A2ML1 are negative prognostic biomarkers in non-small cell lung cancer. Pathology, research and practice 2024-10-03 [PMID: 39413460]

Trink J, Li R, Palarasah Y et al. Activated Alpha 2-Macroglobulin Is a Novel Mediator of Mesangial Cell Profibrotic Signaling in Diabetic Kidney Disease Biomedicines 2021-08-30 [PMID: 34572299] (IF/IHC, Mouse)



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### **Products Related to NBP1-84392**

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|               |  |
|---------------|--|
| NBP1-84392PEP | alpha 2-Macroglobulin-like 1/A2ML1 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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