

# Product Datasheet

## AP3M2 Antibody 21070002-0.1mg

Unit Size: 0.1 mg

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

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**21070002-0.1mg**

AP3M2 Antibody

**Product Information**

|                      |   |
|----------------------|---|
| <b>Unit Size</b>     | 0.1 mg  |
| <b>Concentration</b> | Please see the 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>  | No Preservative   |
| <b>Isotype</b>       | IgG   |
| <b>Purity</b>        | Immunogen affinity purified   |
| <b>Buffer</b>        | 20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl  |

**Product Description**

|                                |   |
|--------------------------------|---|
| <b>Host</b>                    | Rabbit  |
| <b>Gene ID</b>                 | 10947   |
| <b>Gene Symbol</b>             | AP3M2   |
| <b>Species</b>                 | Human   |
| <b>Reactivity Notes</b>        | Human.  |
| <b>Specificity/Sensitivity</b> | This product is specific for Human AP3M2.   |
| <b>Immunogen</b>               | This antibody is specific for the C Terminus Region of the target protein.                  |
| <b>Notes</b>                   | Manufactured by SDIX's proprietary Genomic Antibody Technology™. GAT <a href="#">FAQs</a> . |

**Product Application Details**

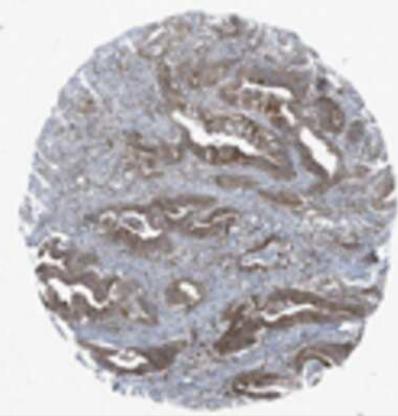
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b> | Western Blot 0.5-1.5 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500 |

## Images

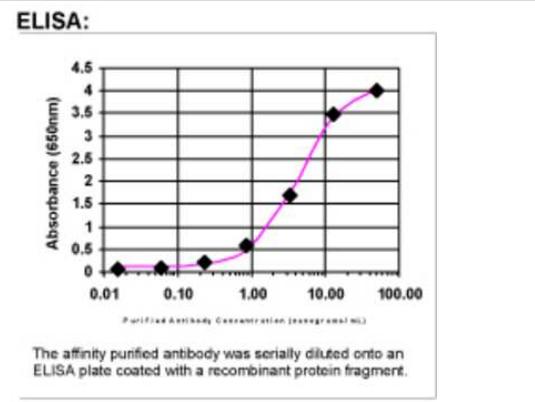
Western Blot: AP3M2 Antibody [21070002] - Western Blot was performed using affinity purified SEQer AP3M2 antibody, aa(321-418) antibody. The lanes contain 5-30ug of a whole cell extract. Final concentration of antibodies = 0.1ug/ml (1:10,000 dilution). The blot was probed overnight with the SEQer AP3M2 antibody, aa(321-418) antibody. Blot was then washed according to protocol and probed with goat-anti-Rabbit-HRP conjugate at 1:5000 dilution, washed and developed using chemiluminescence (film exposure 5-30sec). The protein was detected as represented by the band shown.



Immunohistochemistry: AP3M2 Antibody [21070002] - Normal tissues showed moderate to strong cytoplasmic staining. Gastro-intestinal glandular cells, hepatocytes and the thyroid exhibited strong staining. The malignant tissues displayed mainly moderate positivity. Strong staining was observed in most cases of colo-rectal cancers but also observed in occasional cases of other malignancies. Skin cancers generally displayed weak staining. Image and statement courtesy of the Human Protein Atlas (HPA).



ELISA: AP3M2 Antibody [21070002]



## Publications

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity J Proteome Res. 2017-01-06 [PMID: 27769113] (MiAr)

### Details:

Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (MiAr)

### Details:

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.



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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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