antibodies

# Datasheet for ABIN7429073 anti-alpha 2 Macroglobulin antibody (AA 616-856)





Overview

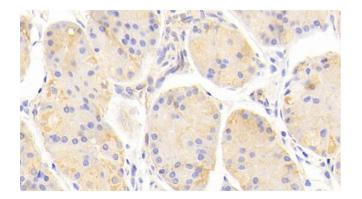
| Quantity:            | 100 µL  |
|----------------------|---|
| Target:              | alpha 2 Macroglobulin (A2M)   |
| Binding Specificity: | AA 616-856  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This alpha 2 Macroglobulin antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

# Product Details

| Purpose:          | Polyclonal Antibody to Alpha-2-Macroglobulin (a2M)   |
|-------------------|--|
| Immunogen:        | Recombinant Alpha-2-Macroglobulin (a2M) corresdonding to Ser616~Val856 with N-terminal His Tag   |
| Isotype:          | IgG  |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against a2M. It has been selected for its ability to recognize a2M in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Pig  |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

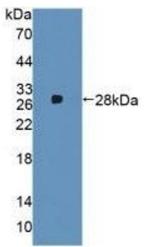
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| Target Details      |  |
|---------------------|--|
| Target:             | alpha 2 Macroglobulin (A2M)  |
| Alternative Name:   | Alpha-2-Macroglobulin (A2M Products)   |
| Background:         | A2MG, A2 mg, CPAMD5, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5           |
| Pathways:           | Lipid Metabolism   |
| Application Details |  |
| Application Notes:  | Western blotting: 0.5-2 µg/mL  |
|                     | Immunohistochemistry: 5-20 µg/mL   |
|                     | Immunocytochemistry: 5-20 µg/mL  |
|                     | Optimal working dilutions must be determined by end user.  |
| Comment:            | The thermal stability is described by the loss rate. The loss rate was determined by accelerated |
|                     | thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious          |
|                     | degradation and precipitation were observed. The loss rate is less than 5% within the expiration |
|                     | date under appropriate storage condition.  |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Liquid   |
| Buffer:             | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.                                      |
| Preservative:       | Sodium azide   |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which                    |
|                     | should be handled by trained staff only.   |
| Storage:            | 4 °C,-20 °C  |
| Storage Comment:    | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without  |
|                     | detectable loss of activity. Avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:        | 24 months  |



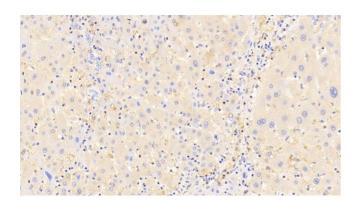
## Immunohistochemistry

**Image 1.** Detection of a2M in Human Stomach Tissue using Polyclonal Antibody to Alpha-2-Macroglobulin (a2M)



### Western Blotting

**Image 2.** Detection of Recombinant a2M, Human using Polyclonal Antibody to Alpha-2-Macroglobulin (a2M)



#### Immunohistochemistry

**Image 3.** Detection of a2M in Human Liver Tissue using Polyclonal Antibody to Alpha-2-Macroglobulin (a2M)

Please check the product details page for more images. Overall 7 images are available for ABIN7429073.

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