antibodies

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





Overview

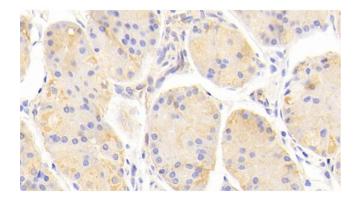
Quantity:	100 µL
Target:	alpha 2 Macroglobulin (A2M)
Binding Specificity:	AA 616-856
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This alpha 2 Macroglobulin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry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

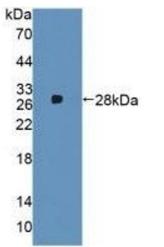
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Target Details	
Target:	alpha 2 Macroglobulin (A2M)
Alternative Name:	Alpha-2-Macroglobulin (A2M Products)
Background:	A2MG, A2 mg, CPAMD5, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5
Pathways:	Lipid Metabolism
Application Details	
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



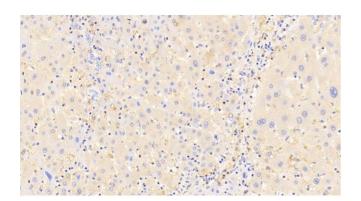
## Immunohistochemistry

**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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