

## anti- Alpha-2-macroglobulin antibody

### Product Information

Catalog No.:	FNab00340
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Alpha-2-macroglobulin, also known as  $\alpha$ 2-macroglobulin( $\alpha$ 2M or A2M), is a protein abundant in the plasma of vertebrates and several invertebrates. A2M is an evolutionarily conserved arm of the innate immune system. It also mediates the proliferation of T cells and macrophages. A2M acts as a nonspecific protease inhibitor involved in the host defense mechanism that inactivates both endogenous and exogenous proteases, including trypsin, thrombin and collagenase. Even though A2M is produced predominantly by the liver, it may also be expressed in the reproductive tract, heart, and brain, and may have important roles in many physiological processes and medical illnesses including Alzheimer's disease.

### Immunogen information

Immunogen:	alpha-2-macroglobulin
Synonyms:	A2M, Alpha 2 M, alpha 2 macroglobulin, CPAMD5, DKFZp779B086, FWP007, S863 7, $\alpha$ -2M
Observed MW:	185 kDa
Uniprot ID :	P01023

### Application

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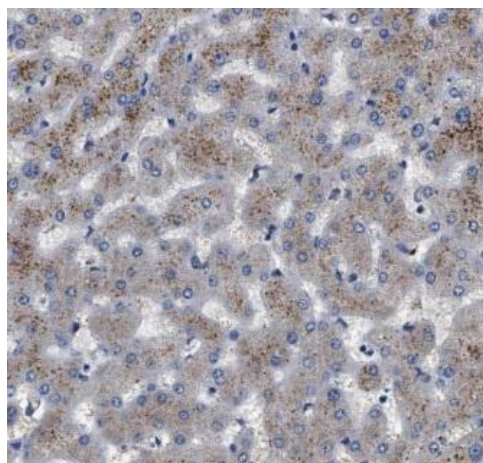
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human

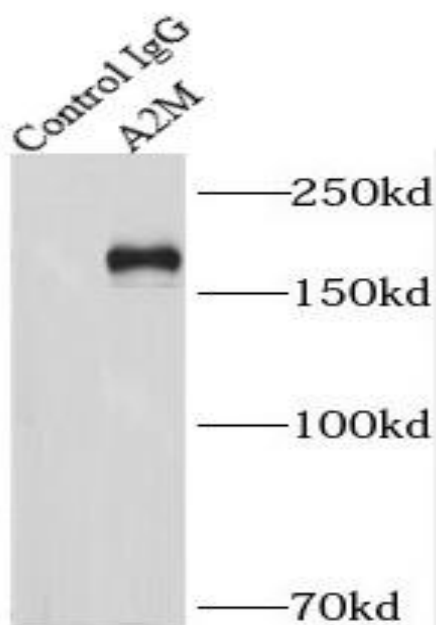
Tested Application: ELISA, WB, IHC, IF, IP

Recommended dilution: WB: 1:2000-1:20000; IP: 1:200-1:1000; IF: 1:50-1:500; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human hepatocirrhosis tissue slide using FNab00340(A2M Antibody) at dilution of 1:50



IP Result of anti-Alpha-2-macroglobulin (IP:FNab00340, 5ug; Detection:FNab00340 1:500) with human plasma lysate 4000ug.



human blood tissue were subjected to SDS PAGE followed by western blot with FNab00340(A2M antibody) at dilution of 1:6000