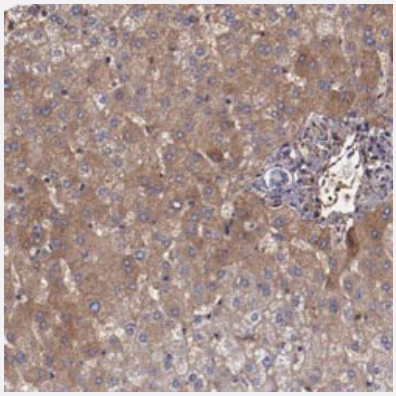
A2M polyclonal antibody

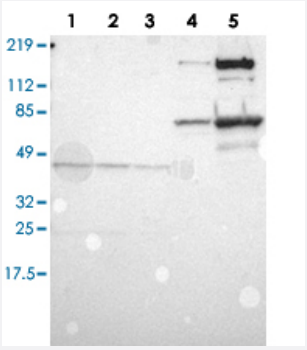
Catalog # PAB28545 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with A2M polyclonal antibody (Cat # PAB28545) shows moderate cytoplasmic positivity in hepatocytes.



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with A2M polyclonal antibody (PAB28545).

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant A2M.
Immunogen	Recombinant protein corresponding to amino acids of recombinant A2M.
Sequence	SVLLMKPDAELSASSVYNLLPEKDLTGFPGPLNDQDDEDCINRHNVYINGITYTPVSSTNEKDMYS FLEDMGLKAFTNSKIRKPKMCPQLQQYEMHGPEGLRVGFYESDVMGRGHARLVHVEEPHTETV RKYFPETWIWDLVVVNS
Host	Rabbit
Reactivity	Human

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Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry(1:200-1:500) Western Blot(-) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human liver with A2M polyclonal antibody (Cat # PAB28545) shows moderate cytoplasmic positivity in hepatocytes.

- Western Blot

  Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with A2M polyclonal antibody (PAB28545).

Gene Info — A2M

Entrez GeneID	2
Protein Accession#	P01023
Gene Name	A2M
Gene Alias	CPAMD5, DKFZp779B086, FWP007, S863-7
Gene Description	alpha-2-macroglobulin
Omim ID	103950 104300
Gene Ontology	Hyperlink

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Gene Summary	Alpha-2-macroglobulin is a protease inhibitor and cytokine transporter. It inhibits many proteases, including trypsin, thrombin and collagenase. A2M is implicated in Alzheimer disease (AD) due to i ts ability to mediate the clearance and degradation of A-beta, the major component of beta-amylo id deposits. [provided by RefSeq
Other Designations	-

Pathway

- Complement and coagulation cascades

Disease

- Alzheimer disease
- Amyloidosis
- Arthritis
- Cardiovascular Diseases
- Cognition Disorders
- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Diseases in Twins
- Edema
- Essential tremor
- Genetic Predisposition to Disease
- Hepatitis C
- Kidney Failure
- Liver Cirrhosis
- Macular Degeneration

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- Memory Disorders
- Metabolic Syndrome X
- Multiple Sclerosis
- Myocardial Infarction
- Neoplasms
- Obesity
- Osteoporosis
- Parkinson disease

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