

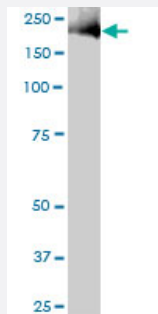
MaxPab®

A2M MaxPab mouse polyclonal antibody (B01)

Catalog # H00000002-B01

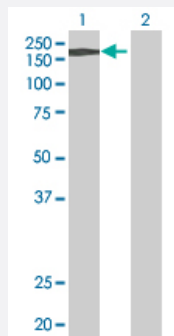
Size 50 uL

Applications



Western Blot (Tissue lysate)

A2M MaxPab polyclonal antibody. Western Blot analysis of A2M expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of A2M expression in transfected 293T cell line ([H00000002-T01](#)) by A2M MaxPab polyclonal antibody.

Lane 1: A2M transfected lysate(162.14 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human A2M protein.

Immunogen

A2M (AAH40071.1, 1 a.a. ~ 1474 a.a) full-length human protein.

Sequence

MGKNKLLHPSLVLLLLVLLPTDASVSGKPQYMLVPSLLHTETTEKGCVLLSYLNETVTVSASLES
VRGNRSLFTDLEAENDVLHCVAFAVPKSSSNEEVMFLTVQVKGPTQEFKKRTTVMVKNEDSLVF
VQTDKSMYKPGQTVKFRVVSMDENFHPLNELIPLVYIQDPKGNRIAQWQSFQLEGGLKQFSFPLSS
EPFQGSYKVVVQKKSGGRTEHPFTVEEFVLPKFEVQVTPKIITILEEEMNVSVCGLYTYGKPVPG
HVTVSICRKYSASDCHGEDSQAFCEKFSGQLNSHGCIFYQQVKTKVFQLKRKEYEMKLHTEAQI
QEEGTVELTGRQSSEITRTITKLSFVKVDSSHFRQGIPFFGQVRLVDGKGVPIPNKVIFIRGNEANY
SNATTDEHGLVQFSINTTNVMGTSLTVRVNYKDRSPCYGYQWVSEEHEEAHHTAYLVFSPSKSFV
HLEPMSHELPCGHTQTVQAHYILNGGTLLGLKKLSFYILIMAKGGIVRTGTHGLLVKQEDMKGHFSI
SIPVKSDIAPVARLLIYAVLPTGDVIGDSAKYDVENCLANKVDLSFSPSQSLPASHAHLRVTAAPQS
VCALRAVDQSVLLMKPDAELSASSVYNLLPEKDLTGFPGLNDQDDEDCINRHNVIYINGITYTPVS
STNEKDMYSFLEDMGLKAFTNSKIRKPKMCPQLQQYEMHGPEGLRVGFYESDVMGRGHARLVH
VEEPHTETVRKYFPETWMDLVVVNSAGVAEVGVTVPDTTIEWKAGAFCLSEDAGLISSTASLR
AFQPPFFVELTMPYSVIRGEAFTLKATVLNLYPKCIRVSVQLEASPAFLAVPVEKEQAPHICANGR
QTVSWAVTPKSLGNVNFVSAEALQSQELCGTEVPSVPEHGRKDTVIKPLLVEPEGLEKETTFNS
LLCPSGGEVSEELSLKLPNVVEESARASVSVLGDILGSAMQNTQNLQMPYGCGEQNMVLFAP
NIYVLDYLNQQLTPEVKSKAIGYLNTRYQRLNYKHYDGSYSTFGERYGRNQNTWLTAFLVLT
AQARAYIFIDEAHITQALWLSQRQKDNCGFRSSGSLNNAIKGGVEDEVTL SAYITIALLEIPLTVTHP
VVRNALFCLESAWKTAQEGDHGSHVYTKALLAYAFALAGNQDKRKEVLKSLNEEA VKKDNSVH
WERPQKPKAPVGHFYEPQAPSAEVEMTSYVLLAYLTAQPAPTSDELTSATNIVKWITKQQNAQGG
FSSTQD TVVALHALSKYGAATFTRTGKAAQVTIQSSGTFSSKFQVDNNRLLLQQVSLPELPGEY
SMKVTGEGCVYLQTSKYNILPEKEEFPFALGVQTLPTCDEPKAHTSFQISLSVSYTGSRASNM
AIVDKMVSGFIPLKPTVKMLERSNHVSRTVSSNHVLMYLDKVSNTLSLFFTVLQDVPVRDLKP
ANKVYDYYETDEFAIAEYNAPCSKDLGNA

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (73)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of A2M expression in transfected 293T cell line ([H00000002-T01](#)) by A2M MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — A2M

Entrez GeneID [2](#)

GeneBank Accession# [BC040071.1](#)

Protein Accession# [AAH40071.1](#)

Gene Name A2M

Gene Alias CPAMD5, DKFZp779B086, FWP007, S863-7

Gene Description alpha-2-macroglobulin

Omim ID [103950](#) [104300](#)

Gene Ontology [Hyperlink](#)

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 its ability to mediate the clearance and degradation of A-beta, the major component of beta-amyloid 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](#)
- [Memory Disorders](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Parkinson disease](#)