

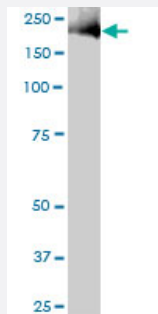
MaxPab®

A2M MaxPab mouse polyclonal antibody (B01)

Catalog # H00000002-B01

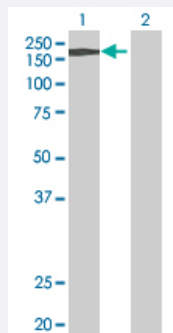
Size 50 uL

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

MGKNKLLHPSLVLLLLLVLLPTDASVSGKPQYMLVPSLLHTETTEKGCVLLSYLNETVTVSASLES
VRGNRSLFTDLEAENDVLHCVAFAVPKSSSNEEVMFLTVQVKGPTQEFKKRTTVMVKNEDSLVF
VQTDKSMYKPGQTVKFRVVSMDENFHPLNELIPLVYIQDPKGNRIAQWQSFQLEGGLKQFSFPLSS
EPFQGSYKVVVQKKSGGRTEHPFTVEEFVLPKFEVQVTPKIITILEEEMNVSVCGLYTYGKPVPG
HVTVSICRKYSASDCHGEDSQAFCEKFSGQLNSHGCIFYQQVKTKVFQLKRKEYEMKLHTEAQI
QEEGTVELTGRQSSEITRTITKLSFVKVDShFRQGIPFFGQVRLVDGKGVPIPNKVIFIRGNEANY
SNATTDEHGLVQFSINTTNVMGTSLTVRVNYKDRSPCYGYQWVSEEHEEAHHTAYLVFSPSKSFV
HLEPMSHELPCGHTQTVQAHYILNGGTLLGLKKLSFYLLIMAKGGIVRTGTHGLLVKQEDMKGHFSI
SIPVKSDIAPVARLLIYAVLPTGDVIGDSAKYDVENCLANKVDLSFSPSQSLPASHAHLRVTAAPQS
VCALRAVDQSVLLMKPDAELSASSVYNLLPEKDLTGFPGLNDQDDEDCINRHNVIYINGITYTPVS
STNEKDMYSFLEDMGLKAFTNSKIRKPKMCPQLQQYEMHGPEGLRVGFYESDVMGRGHARLVH
VEEPHTETVRKYFPETWMDLVVVNSAGVAEVGVTVPDTTTEWKAGAFCLSEDAGLISSTASLR
AFQPPFFVELTMPYSVIRGEAFTLKATVLNLYPKCIRVSVQLEASPAFLAVPVEKEQAPHICANGR
QTVSWAVTPKSLGNVNFVSAEALSEQELCGTEVPSVPEHGRKDTVIKPLLVEPEGLEKETTFNS
LLCPSGGEVSEELSLKLPPNVVEESARASVSVLGDILGSAMQNTQNLQMPYGCGEQNMVLFAP
NIYVLDYLNQQLTPEVKSKAIGYLNTRYQRLNYKHYDGSYSTFGERYGRNQNTWLTAFLVKTF
AQARAYIFIDEAHITQALWLSQRQKDNCGFRSSGSLNNAIKGGVEDEVTL SAYITIALLEIPLTVTHP
VVRNALFCLESAWKTAQEGDHGSHVYTKALLAYAFALAGNQDKRKEVLKSLNEEA VKKDNSVH
WERPQKPKAPVGHFYEPQAPSAEVEMTSYVLLAYLTAQPAPTSDELTSATNIVKWITKQQNAQGG
FSSTQD TVVALHALSKYGAATFTRTGKAAQVTIQSSGTFSSKFQVDNNRLLLQQVSLPELPGEY
SMKVTGEGCVYLQTSKYNILPEKEEFPFALGVQTLPTCDEPKAHTSFQISLSVSYTGSRASNM
AIVDKMVSGFIPLKPTVKMLERSNHVSRTREVSSNHVLMYLDKVSNTLSLFFTVLQDVPVRDLKP
ANKVYDYETDEFAIAEYNAPCSKDLGNA

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](#)