

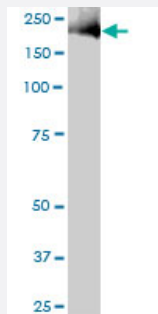
MaxPab®

A2M purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000002-B01P

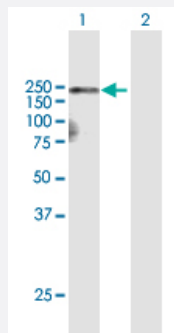
Size 50 ug

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
EPFQGSYKVVVQKKSGGRTEHPFTVEEFVLPKFEVQVTPKIIILEEEMNVSVCGLYTYGKPVPG
HVTVSICRKYSDasDCHGEDSQAFCEKFSGQLNSHGCFYQQVKTKVFQLKRKEYEMKLHTEAQI
QEEGTVELTGRQSSEITRTITKLSFVKVDShFRQGIPFFGQVRLVDGKGVPIPNKVIFIRGNEANY
SNATTDEHGLVQFSINTTNVMGTSLTVRVNYKDRSPCYGYQWVSEEHEEAHHTAYLVFSPSKSFV
HLEPMSHELPCGHTQTVQAHYILNGGTLLGLKKLSFYILIMAKGGIVRTGTHGLLVKQEDMKGHFSI
SIPVKSADIAPVARLLIYAVLPTGDVIGDSAKYDVENCLANKVDLSFSPSQSLPASHAHLRVTAAPQS
VCALRAVDQSVLLMKPDAELSASSVYNLLPEKDLTGFPGLNDQDDEDCINRHNVIYINGITYTPVS
STNEKDMYSFLEDMGLKAFTNSKIRKPKMCPQLQQYEMHGPEGLRVGFYESDVMGRGHARLVH
VEEPHTETVRKYFPETWMDLVVVNSAGVAEVGVTVPDTITTEWKAGAFCLSEDAGLISSTASLR
AFQPPFFVELTMPYSVIRGEAFTLKATVLNLYPKCIRVSVQLEASPAFLAVPVEKEQAPHICANGR
QTVSWAVTPKSLGNVNFTVSAEALESQELCGTEVPSVPEHGRKDTVIKPLLVEPEGLEKETTFNS
LLCPSGGEVSEELSLKLPPNVVEESARASVSVLGDILGSAMQNTQNLQMPYGCGEQNMVLFAP
NIYVLDYLNETHQQLTPEVKSKAIGYLNTRYQRLNYKHYDGSYSTFGERYGRNQGNWTAFVLKTF
AQARAYIFIDEAHITQALWLSQRQKDNCGFRSSGSLNNAIKGGVEDEVTL SAYITIALLEIPLTVTHP
VVRNALFCLESAWKTAQEGDHGSHVYTKALLAYAFALAGNQDKRKEVLKSLNEEA VKKDNSVH
WERPQKPKAPVGHFYEPQAPSAEVEMTSYVLLAYLTAQPAPTSEDLT SATNIVKWITKQQNAQGG
FSSTQD TVVALHALSKYGAATFTRTGKAAQVTIQSSGTFSSKFQVDN NNRLLLQQVSLPELPGEY
SMKVTGEGCVYLQTS LKYNILPEKEEFPFALGVQTLPTCDEPKAHTSFQISLSVSYTGSRASNM
AIVDKMVSGFIPLKPTVKMLERSNHVS RTEVSSNHVLMYLDKVS NQTL SLFFTVLQDVPVRDLKP
ANKVYDYYETDEFAIAEYNAPCSKDLGNA

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (72); Rat (73)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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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](#)