

Mouse Anti-Mouse A2M Polyclonal Antibody

Cat. No. CPBT-27113MM **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Polyclonal antibody to Mouse A2M.
Species	Mouse
Source	Mouse
Antigen Description	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-
Isotype	IgG
Immunogen	Synthetic peptide: KAITYLNTGY QRQLNYKHRD GSYSTFGDKP GRSHANTWLT, corresponding to amino acids 1003/1042 of Mouse alpha 2 Macroglobulin
Specificity	Secreted in plasma.
Formulation	Liquid
Purity Detail	Whole antiserum
Applications	WB
Storage buffer	Preservative: None Constituents: 50% Glycerol, Whole serum

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence similarities	Belongs to the protease inhibitor I39 (alpha-2-macroglobulin) family.
GENE INFORMATION	
Gene Name	A2m alpha-2-macroglobulin [Mus musculus]
Official Symbol	A2M
Synonyms	A2M; alpha-2-macroglobulin; alpha-2-macroglobulin-P; A2M; A2MG_HUMAN; Alpha 2 M; Alpha 2M; Alpha-2-M; Alpha-2-macroglobulin; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5; CPAMD5; DKFZp779B086; FWP007; S863 7; A2mp;
Gene ID	232345
mRNA Refseq	NM_175628
Protein Refseq	NP_783327
Pathway	Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem;
Function	endopeptidase inhibitor activity; enzyme binding; growth factor binding; interleukin-1 binding; interleukin-8 binding;