



Anti-A2M (aa 1003-1042) polyclonal antibody (DPBT-27113MM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Polyclonal antibody to Mouse A2M.
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-
Specificity	Secreted in plasma.
Immunogen	Synthetic peptide: KAITYLNTGY QRQLNYKHRD GSYSTFGDKP GRSHANTWLT, corresponding to amino acids 1003/1042 of Mouse alpha 2 Macroglobulin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Mouse
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB
Sequence Similarities	Belongs to the protease inhibitor I39 (alpha-2-macroglobulin) family.
Cellular Localization	Secreted.
Format	Liquid
Buffer	Preservative: None Constituents: 50% Glycerol, Whole serum

Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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;
Entrez Gene ID	232345
Protein Refseq	NP_783327
UniProt ID	Q6GQT1
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; peptidase inhibitor activity; serine-type endopeptidase inhibitor activity; tumor necrosis factor binding;