

Goat anti-alpha-2-macroglobulin Antibody

Item Number	dAP-3084
Target Molecule	Principle Name: alpha-2-macroglobulin; Official Symbol: A2M; All Names and Symbols: A2M; alpha-2-macroglobulin; A2MD; CPAMD5; FWP007; S863-7; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5; alpha-2-M; Accession Number (s): NP_000005.2; Human Gene ID(s): 2; Non-Human GenelD(s):
Immunogen	TSLTVRVNYKDRSP, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 200kDa band observed in Human Albumin-depleted Serum lysates (calculated MW of 163kDa according to NP_000005.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.5-2µg/ml.
IHC	
Reference	Reference(s): Ozawa D, Hasegawa K, Lee YH, Sakurai K, Yanagi K, Ookoshi T, Goto Y, Naiki H. Inhibition of beta2-microglobulin amyloid fibril formation by alpha2-macroglobulin. The Journal of biological chemistry 2011 Mar 286 (11): 9668-76..PMID: 21216953->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**