

## Goat anti-Alpha2-antiplasmin Antibody

<b>Item Number</b>	dAP-1528
<b>Target Molecule</b>	Principle Name: Alpha2-antiplasmin; Official Symbol: SERPINF2; All Names and Symbols: SERPINF2; serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2; A2AP; AAP; ALPHA-2-PI; API; PLI; alpha-2-plasmin inhibitor; serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2; Accession Number (s): NP_000925.2; NP_001159393.1; Human Gene ID (s): 5345; Non-Human GeneID(s):
<b>Immunogen</b>	KDFLQSLKGFPRGDK, is from internal region This antibody is expected to recognise both reported isoforms (NP_000925.2; NP_001159393.1). Reported variants represent identical protein (NP_000925.2; NP_001159392.1).
<b>Applications</b>	Pep ELISA, EIA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx. 70kDa band observed in Human Duodenum and Ileum lysates (calculated MW of 54.6kDa according to NP_000925.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Lee et al, Blood. 20)
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Liver shows spotty cytoplasm staining in hepatocytes. Recommended concentration, 3-5µg/ml.
<b>Reference</b>	Reference(s): Matsuno H, Okada K, Ueshima S, Matsuo O, Kozawa O. Alpha2-antiplasmin plays a significant role in acute pulmonary embolism. J Thromb Haemost. 2003 Aug;1(8):1734-9. PMID: 12911586->

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 end users! This product is sold for **Research Use Only**