

## Goat anti-PAI1 / SERPINE1, Biotinylated Antibody

<b>Item Number</b>	dAP-3309
<b>Target Molecule</b>	Principle Name: PAI1 / SERPINE1, Biotinylated; Official Symbol: SERPINE1; All Names and Symbols: SERPINE1; serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; PAI; PAI-1; PAI1; PLANH1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator; Accession Number (s): NP_000593.1; Human Gene ID(s): 5054; Non-Human GeneID(s):
<b>Immunogen</b>	GFKIDDKGMAPALRH., is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC, EIA  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 64000.
<b>Western Blot</b>	Western Blot: Approx 47kDa band observed in lysates of cell line HepG2 (calculated MW of 45.1kDa according to NP_000593.1). The observed molecular weights correspond to earlier findings with different antibodies from other commercial sources. See non-bio
<b>IHC</b>	
<b>Reference</b>	Reference(s): Baumruker T, Csonga R, Pursch E, Pfeffer A, Urtz N, Sutton S, Bofill-Cardona E, Cooke M, Prieschl E. Activation of mast cells by incorporation of cholesterol into rafts. International immunology 2003 Oct 15 (10): 1207-18..PMID: 13679390->

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**