



Goat anti-SERPINB1 (aa130-143) Antibody

Item Number	dAP-3070
Target Molecule	Principle Name: SERPINB1 (aa130-143); Official Symbol: SERPINB1; All Names and Symbols: SERPINB1; serpin peptidase inhibitor, clade B (ovalbumin), member 1; EI; ELANH2; LEI; M/NEI; MNEI; PI-2; PI2; leukocyte elastase inhibitor; peptidase inhibitor 2; protease inhibitor 2 (anti-elastase), monocyte/neutrophil derived; serine (or cysteine) prot; Accession Number (s): NP_109591.1; Human Gene ID(s): 1992; Non-Human GeneID(s):
Immunogen	KTINQWVKGQTEGK, 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 64000.
Western Blot	Western Blot: Approx 42-45kDa bands observed in Human Placenta lysates (calculated MW of 42.7kDa according to NP_109591.1). The fainter 45kDa band likely represents the acetylated form. Both bands are blocked by the immunizing peptide. Recommended concn
IHC	
Reference	Reference(s): Cooley J, Sontag MK, Accurso FJ, Remold-O'Donnell E. SerpinB1 in cystic fibrosis airway fluids: quantity, molecular form and mechanism of elastase inhibition. The European respiratory journal : official journal of the European Society for Clinical Respiratory Physiology 2011 May 37 (5): 1083-

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**