

## Goat anti-SERPINB9 Antibody

Item Number	dAP-1048
Target Molecule	Principle Name: SERPINB9; Official Symbol: SERPINB9; All Names and Symbols: SERPINB9; serpin peptidase inhibitor, clade B (ovalbumin), member 9; CAP-3; CAP3; PI9 ; protease inhibitor 9 (ovalbumin type); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9; Accession Number (s): NP_004146.1; Human Gene ID(s): 5272; Non-Human GenelD(s): 20723 (mouse)
Immunogen	PKFKLQEDYDME, 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 40-45kDa band observed in Human Lung, Placenta and Tonsil lysates (calculated MW of 42.4kDa according to NP_004146.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Jiang X, Ellison SJ, Alarid ET, Shapiro DJ. Interplay between the levels of estrogen and estrogen receptor controls the level of the granzyme inhibitor, proteinase inhibitor 9 and susceptibility to immune surveillance by natural killer cells. Oncogene. 2007 Jan 22; [Epub ahead of print] .PMID: 17237823

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**