



## Goat anti-SERPINB11 Antibody

<b>Item Number</b>	dAP-1411
<b>Target Molecule</b>	Principle Name: SERPINB11; Official Symbol: SERPINB11 ; All Names and Symbols: SERPINB11 ; serpin peptidase inhibitor, clade B (ovalbumin), member 11 ; EPIPIN; MGC163242; MGC163244; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 11; serpin peptidase inhibitor, clade B, member 11; Accession Number (s): NP_536723.2; Human Gene ID(s): 89778; Non-Human GeneID(s):
<b>Immunogen</b>	EFSQINQPDSNCT, is from internal region
<b>Applications</b>	Pep ELISA Species Tested:
<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 8000.
<b>Western Blot</b>	Western Blot: Preliminary experiments in Human Lung, Placenta, Prostate and Tonsil lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results b
<b>IHC</b>	
<b>Reference</b>	Reference(s): Askew DJ, Cataltepe S, Kumar V, Edwards C, Pace SM, Howarth RN, Pak SC, Askew YS, Brömme D, Luke CJ, Whisstock JC, Silverman GA. SERPINB11 is a new noninhibitory intracellular serpin. Common single nucleotide polymorphisms in the scaffold impair conformational change. J Biol Chem. 2007

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**