

Goat anti-alpha-1-antichymotrypsin (aa222-236) Antibody

Item Number	dAP-3044
Target Molecule	Principle Name: alpha-1-antichymotrypsin (aa222-236); Official Symbol: SERPINA3; All Names and Symbols: SERPINA3; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3; AACT; ACT; GIG25; alpha-1-antichymotrypsin; cell growth-inhibiting gene 24/25 protein; growth-inhibiting protein 24; growth-inhibiting protein 25; serine (or cy; Accession Number (s): NP_001076.2; Human Gene ID(s): 12; Non-Human GeneID(s):
Immunogen	DPQDTHQSRFYLSKK, 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 128000.
Western Blot	Western Blot: Approx 65kDa band observed in Human Albumin-depleted Serum and Plasma lysates (calculated MW of 47.7kDa according to NP_001076.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Hoffmann DC, Textoris C, Oehme F, Klaassen T, Goppelt A, Römer A, Fugmann B, Davidson JM, Werner S, Krieg T, Eming SA. Pivotal role for alpha1-antichymotrypsin in skin repair. The Journal of biological chemistry 2011 Aug 286 (33): 28889-901..PMID: 21693707->

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**