



Goat anti-proteinase 3 / myeloblastin (aa88-98) Antibody

Item Number	dAP-3026
Target Molecule	Principle Name: proteinase 3 / myeloblastin (aa88-98); Official Symbol: PRTN3; All Names and Symbols: PRTN3; proteinase 3; ACPA; AGP7; C-ANCA; CANCA; MBN; MBT; NP4; P29; PR-3; PR3; C-ANCA antigen; NP-4; Wegener granulomatosis autoantigen; azurophil granule protein 7; leukocyte proteinase 3; myeloblastin; neutrophil proteinase 4; serine proteinase, neutrop; Accession Number (s): NP_002768.3; Human Gene ID(s): 5657; Non-Human GeneID(s):
Immunogen	HNVRTQEPTQQ, is from internal region
Applications	Pep ELISA, WB, IHC 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 1000.
Western Blot	Western Blot: Approx 27kDa band observed in Human Spleen lysates (calculated MW of 27.8kDa according to NP_002768.3). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 5µg/ml.
Reference	Reference(s): Bae S, Kang T, Hong J, Lee S, Choi J, Jhun H, Kwak A, Hong K, Kim E, Jo S, Kim S. Contradictory functions (activation/termination) of neutrophil proteinase 3 enzyme (PR3) in interleukin-33 biological activity. J Biol Chem. 2012 Mar 9;287(11):8205-13..PMID: 22270365->

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**