

Goat anti-cathepsin C / DPP1 (aa238-252) Antibody

Item Number	dAP-2926
Target Molecule	Principle Name: cathepsin C / DPP1 (aa238-252); Official Symbol: CTSC; All Names and Symbols: CTSC; cathepsin C; CPPI; DPP1; DPPI; HMS; JP; JPD; PALS; PLS; DPP-I; OTTHUMP00000235623; OTTHUMP00000235624; OTTHUMP00000235625; OTTHUMP00000235627; cathepsin J; dipeptidyl peptidase 1; dipeptidyl peptidase I; dipeptidyl transferase; dipeptidyl-peptidase ; Accession Number (s): NP_001805.3; Human Gene ID(s): 1075; Non-Human GeneID(s):
Immunogen	RNVHGINFVSPVRNQ, is from internal region This antibody is expected to recognize isoform a (NP_001805.3) only.
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 24kDa band observed in Human Neutrophils lysates (calculated MW of 51.8kDa according to NP_001805.3). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended
IHC	
Reference	Reference(s): Le QT, Gomez G, Zhao W, Hu J, Xia HZ, Fukuoka Y, Katunuma N, Schwartz LB. Processing of human protryptase in mast cells involves cathepsins L, B, and C. J Immunol. 2011 Aug 15;187(4):1912-8..PMID: 21742978->

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**