

## Goat anti-CMA1 Antibody

<b>Item Number</b>	dAP-2473
<b>Target Molecule</b>	Principle Name: CMA1; Official Symbol: CMA1; All Names and Symbols: CMA1; chymase 1, mast cell; CYH; MCT1; MGC119890; MGC119891; chymase 1 preproprotein transcript E; chymase 1 preproprotein transcript I; chymase, heart; chymase, mast cell; mast cell protease I; Accession Number (s): NP_001827.1; Human Gene ID(s): 1215; Non-Human GeneID(s):
<b>Immunogen</b>	QFRHPKYNTSTLHHD, is from internal region
<b>Applications</b>	Pep ELISA, WB Trf Species Tested: Human
<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 128000.
<b>Western Blot</b>	Western Blot: In transfected HEK293 transiently expressing full-length Human CMA1 (myc and DYKDDDDK tagged), a band of approx. 35kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag an
<b>IHC</b>	
<b>Reference</b>	Reference(s): Heikkilä HM, Lätti S, Leskinen MJ, Hakala JK, Kovanen PT, Lindstedt KA Activated mast cells induce endothelial cell apoptosis by a combined action of chymase and tumor necrosis factor-alpha Arterioscler Thromb Vasc Biol. 2008 Feb;28(2):309-14. Epub 2007 Dec 13.PMID: 18079408->

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**