

## Goat anti-CST3 / cystatin C Antibody

<b>Item Number</b>	dAP-1777
<b>Target Molecule</b>	Principle Name: CST3 / cystatin C; Official Symbol: CST3; All Names and Symbols: CST3; cystatin C; ARMD11; MGC117328; OTTHUMP00000030440; OTTHUMP00000164181; OTTHUMP00000164182; bA218C14.4 (cystatin C); cystatin 3; cystatin C (amyloid angiopathy and cerebral hemorrhage); gamma-trace; neuroendocrine basic polypeptide; post-gamma-globul; Accession Number (s): NP_000090.1; Human Gene ID(s): 1471; Non-Human GeneID(s):
<b>Immunogen</b>	SVEEEGVRRALD, is from internal region
<b>Applications</b>	Pep ELISA, WB 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 32000.
<b>Western Blot</b>	Western Blot: Approx. 15kDa band observed in Human Testis and Prostate lysates (calculated MW of 15.8kDa according to NP_000090.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Mi W, Pawlik M, Sastre M, Jung SS, Radvinsky DS, Klein AM, Sommer J, Schmidt SD, Nixon RA, Mathews PM, Levy E. Cystatin C inhibits amyloid-beta deposition in Alzheimer's disease mouse models. Nat. Genet. 2007 Dec 39 (12): 1440-2..PMID: 18026100->

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**