Polyclonal Anti- Cystatin C

Catalog#  BPA1042
Lot #  Check on the product label
Size  100μg
Isotype  IgG
Host  Rabbit
Reactivity  Human
Product Form  Liquid
Purification  Immunogen affinity purified
Immunogen  A synthetic peptide (conjugated with KLH) corresponding to the region of human Cystatin C.

Recommend Application
Western Blot (1:1000)
Other applications have not been tested. The optimal dilutions should be determined by end user.

Storage Buffer
In TBS (pH7.4), 0.5% BSA, 40% Glycerol and 0.05% Sodium Azide.

Storage Instruction
Store at 4°C after thawing (1 week). Aliquot and store at -20°C for long term (at least one year). Avoid repeated freeze and thaw cycles.

Background
Cystatin C or cystatin 3 (formerly gamma trace, post-gamma-globulin or neuroendocrine basic polypeptide), a protein encoded by the CST3 gene, is mainly used as a biomarker of kidney function. It is a single 120-residue polypeptide with a molecular mass of approximately 13.26 kD.¹ Cystatin C plays a role in network reorganization in the epileptic dentate gyrus, especially in granule cell dispersion and guidance of migrating newborn granule cells.² Cystatin C is an alternative measure of kidney function that may have prognostic importance among elderly persons who do not meet standard criteria for chronic kidney disease. Among elderly persons without chronic kidney disease, cystatin C is a prognostic biomarker of risk for death, cardiovascular disease, and chronic kidney disease, thereby signaling a state of 'preclinical' kidney dysfunction.³

Reference