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Product datasheet for TA305611

Cystatin C (CST3) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.3-1ug/ml.
Reactivity:	Human
Host:	Goat
lsotype:	lgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-SVEEEGVRRALD, from the internal region of the protein sequence according to NP_000090.1.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cystatin C
Database Link:	<u>NP 000090</u>
	<u>Entrez Gene 1471 Human</u> <u>P01034</u>



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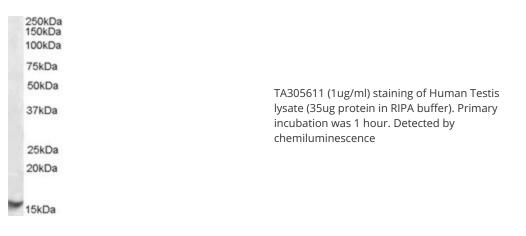
GRIGENE Cystatin C (CST3) Goat Polyclonal Antibody – TA305611

Background:The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences.
Some of the members are active cysteine protease inhibitors, while others have lost or
perhaps never acquired this inhibitory activity. There are three inhibitory families in the
superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The
type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of
human fluids and secretions, where they appear to provide protective functions. The cystatin
locus on chromosome 20 contains the majority of the type 2 cystatin genes and
pseudogenes. This gene is located in the cystatin locus and encodes the most abundant
extracellular inhibitor of cysteine proteases, which is found in high concentrations in
biological fluids and is expressed in virtually all organs of the body. A mutation in this gene
has been associated with amyloid angiopathy. Expression of this protein in vascular wall
smooth muscle cells is severely reduced in both atherosclerotic and aneurysmal aortic
lesions, establishing its role in vascular disease. [provided by RefSeq]

Synonyms: ARMD11; HEL-S-2

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Product images:



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