

CST9 rabbit pAb

Catalog No :	YT7586
Reactivity :	Human;Mouse
Applications :	WB
Target :	CST9
Gene Name :	CST9 CLM
Protein Name :	CST9
Human Gene Id :	128822
Human Swiss Prot No :	Q5W186
Mouse Gene Id :	13013
Mouse Swiss Prot No :	Q9Z0H6
Immunogen :	Synthesized peptide derived from human CST9 AA range: 108-158
Specificity :	This antibody detects endogenous levels of CST9 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 17kD

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 a secreted protein that may play a role in hematopoietic differentiation or inflammation. [provided by RefSeq, Jul 2008],

Function :

function:May play a role in hematopoietic differentiation or inflammation.,induction:Up-regulated by LPS, in some cancer cells such as promyelocytic leukemia cells (HL-60) or myelomonocytic leukemia cells (U-937).,similarity:Belongs to the cystatin family.,subcellular location:May be targeted through the Golgi via the secretory pathway.,tissue specificity:Expressed in heart, placenta, lung, liver, skeletal muscle and pancreas. Not expressed in brain. Barely expressed in tumor cell lines except for breast adenocarcinoma MCF-7 cells and U251 cells.,

Subcellular Location :

Secreted . May be targeted through the Golgi via the secretory pathway. .

Expression :

Expressed in heart, placenta, lung, liver, skeletal muscle and pancreas (PubMed:12535658). Not expressed in brain (PubMed:12535658). Expressed in epididymis, kidney, testis, spinal cord, and thymus with a strong expression in epididymis and kidney and a weak expression in the spinal cord and thymus (PubMed:20565543).

Products Images

