

## CST9L Antibody

Catalog No: #34627

Package Size: #34627-1 50ul #34627-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

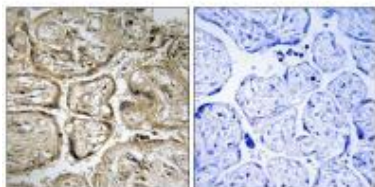
## Description

Product Name	CST9L Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CST9L protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CST9L.
Target Name	CST9L
Other Names	Cystatin-9-like;
Accession No.	Swiss-Prot: Q9H4G1NCBI Gene ID: 128821
Uniprot	Q9H4G1
GeneID	128821;
SDS-PAGE MW	17kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:50~1:100

## Images



Immunohistochemistry analysis of paraffin-embedded human placenta tissue using CST9L antibody #34627.

## 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. 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 protein similar to mouse cystatin 9. Based on its testis-specific expression, it is likely to have a role in tissue reorganization during early testis development.

Zhang Z., Protein Sci. 13:2819-2824(2004).

Deloukas P., Nature 414:865-871(2001).

Clark H.F., Genome Res. 13:2265-2270(2003).

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Note: This product is for in vitro research use only