

DNAxPAb

Hard-to-Find
Antibody

CST5 DNAxPab

Catalog # H00001473-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CST5 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MMWPMHTPLLLL TALMVAVAGSASASQSR TLAGGIHATDLNDKSVQCALDFAISEYNKVINKDEYY SRPLQVMAAYQQIVGGVNYFNVKFGRTTCTKSQPNLDNCPFNDQPKLKEEEFC SFQINEVPWE DKISILNYKCRKV
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CST5

Entrez GeneID [1473](#)

GeneBank Accession# [NM_001900.4](#)

Protein Accession# [NP_001891.2](#)

Gene Name CST5

Gene Alias MGC71922

Gene Description cystatin D

Omim ID [123858](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 found in saliva and tears. The encoded protein may play a protective role against proteinases present in the oral cavity. [provided by RefSeq]

Other Designations OTTHUMP00000030448|cystatin 5|cysteine-proteinase inhibitor

Disease

- [Tobacco Use Disorder](#)