

DNAxPAb

Hard-to-Find  
Antibody

# CST4 DNAxPab

Catalog # H00001472-W01P      Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human CST4 DNA using DNAx™ Immune technology.
<b>Technology</b>	<a href="#">DNAx™ Immune</a>
<b>Immunogen</b>	Full-length human DNA
<b>Sequence</b>	MARPLCTLLLLMATLAGALASSSKEENRIIPGGYDADLNDEWVQRALHFAISEYNKATEDEYYRRP LQVLRAREQTFGGVNYFFDVEVGRITCKTSQPNLDTCAFHEQPELQKKQLCSFEIYVPWEDRM SLVNSRCQEA
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	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 — CST4

**Entrez GeneID** [1472](#)**GeneBank Accession#** [NM\\_001899.2](#)**Protein Accession#** [NP\\_001890.1](#)**Gene Name** CST4**Gene Alias** MGC71923**Gene Description** cystatin S**Omim ID** [123857](#)**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 type 2 salivary cysteine peptidase inhibitor. The protein is an S-type cystatin, based on its high level of expression in saliva, tears and seminal plasma. The specific role in these fluids is unclear but antibacterial and antiviral activity is present, consistent with a protective function. [provided by RefSeq]

**Other Designations** OTTHUMP00000030443|cystatin 4