

DNAxPAb

Hard-to-Find
Antibody

CST6 DNAxPab

Catalog # H00001474-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CST6 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MARSNLPLALGLALVAFCLLALPRDARARPQERMVGELRDLSPDDPQVQKAAQAAVASYNMGS NSIYYFRDTHIIKAQSQLVAGIKYFLTMEMGSTDCRKTRVTGDHVDLTTCPAAGAAQQEKLRCDFEV LVVPWQNSSQLLKHNVCVM
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 — CST6

Entrez GeneID [1474](#)**GeneBank Accession#** [NM_001323.2](#)**Protein Accession#** [NP_001314.1](#)**Gene Name** CST6**Gene Alias** -**Gene Description** cystatin E/M**Omim ID** [601891](#)**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, where they appear to provide protective functions. This gene encodes a cystatin from the type 2 family, which is down-regulated in metastatic breast tumor cells as compared to primary tumor cells. Loss of expression is likely associated with the progression of a primary tumor to a metastatic phenotype. [provided by RefSeq]

Other Designations cystatin 6|cystatin M|cystatin M/E|cysteine proteinase inhibitor