

DNAXPAb

Hard-to-Find
Antibody

CSTA DNAXPab

Catalog # H00001475-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CSTA DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MIPGGLSEAKPATPEIQEIVDKVKPQLEEKTNETYGKLEAVQYKTQVVAGTNYYIKVRAGDNKYMHL KVFKSLPGQNEDLVLTGYQVDKNKDDDEL TGF
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 — CSTA

Entrez GeneID [1475](#)

GeneBank Accession# [NM_005213.3](#)

Protein Accession# [NP_005204.1](#)

Gene Name CSTA

Gene Alias STF1, STFA

Gene Description cystatin A (stefin A)

Omim ID [184600](#)

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 kininogens. This gene encodes a stefin that functions as a cysteine protease inhibitor, forming tight complexes with papain and the cathepsins B, H, and L. The protein is one of the precursor proteins of cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. Stefins have been proposed as prognostic and diagnostic tools for cancer. [provided by RefSeq]

Other Designations cystatin A|cystatin AS|stefin A

Disease

- [Genetic Predisposition to Disease](#)
- [Psoriasis](#)