

CSTA Antibody

Catalog No: #32973

Package Size: #32973-1 50ul #32973-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

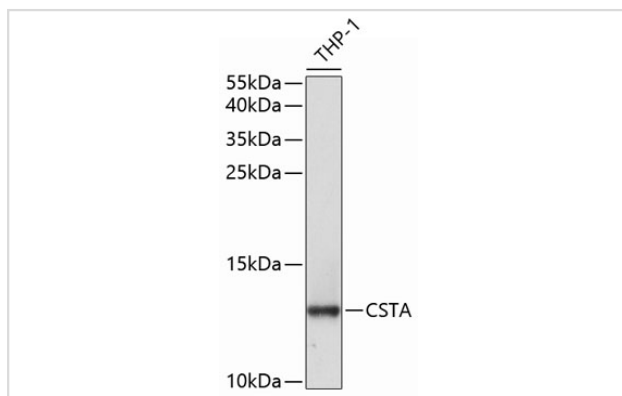
Description

Product Name	CSTA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous level of total CSTA protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CSTA.
Target Name	CSTA
Other Names	AREI; STF1; STFA;
Accession No.	Swiss-Prot:P01040NCBI Gene ID:1475
Uniprot	P01040
GeneID	1475;
SDS-PAGE MW	11KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

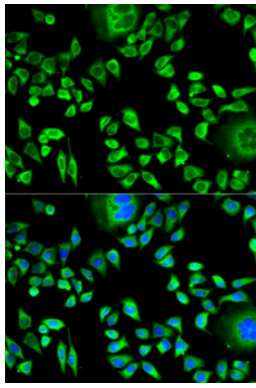
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

Images



Western blot analysis of extracts of THP-1 cells, using CSTA at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using CSTA .
Blue: DAPI for nuclear staining.

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 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.

Note: This product is for in vitro research use only