

Cathepsin H Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01240
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from Cathepsin H . at AA range: 70-150
Mol wt	37378
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Cathepsin H Antibody
Synonyms	CTSH; CPSB; Pro-cathepsin H

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by CTSH is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The encoded protein (cathepsin H), which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased expression of CTSH has been correlated with malignant progression of prostate tumors. Alternate splicing of CTSH results in multiple transcript variants encoding different isoforms.

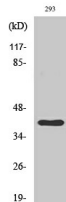
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using Cathepsin H Polyclonal Antibody

Storage

-20°C for one year