

Cathepsin D Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01238
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from Cathepsin D . at AA range: 90-170
Mol wt	44552
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Cathepsin D Antibody
Synonyms	CTSD; CPSD; Cathepsin D

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

Background

CTSD encodes a member of the A1 family of peptidases. The encoded preproprotein is proteolytically processed to generate multiple protein products. These products include the cathepsin D light and heavy chains, which heterodimerize to form the mature enzyme. This enzyme exhibits pepsin-like activity and plays a role in protein turnover and in the proteolytic activation of hormones and growth factors. Mutations in this gene play a causal role in neuronal ceroid lipofuscinosis-10 and may be involved in the pathogenesis of several other diseases, including breast cancer and possibly Alzheimer's disease.

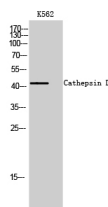
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of K562 cells using Cathepsin D Polyclonal Antibody

Storage

-20°C for one year