

Cathepsin D Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01237
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human Cathepsin D.
Mol wt	44552
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, 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

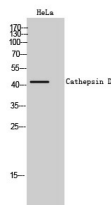
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of HeLa cells using Cathepsin D Polyclonal Antibody

Storage

-20°C for one year