

CATB Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01072
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human CATB (Cleaved-Leu80)
Mol wt	37290
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	CATB
Synonyms	CATB ;Cleaved-Leu80; Cathepsin B; EC 3.4.22.1; APP secretase; APPS; Cathepsin B1; Cathepsin B light chain; Cathepsin B heavy chain;

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

Background

Catalytic activity:Hydrolysis of proteins with broad specificity for peptide bonds. Preferentially cleaves -Arg-Arg-|-Xaa bonds in small molecule substrates (thus differing from cathepsin L). In addition to being an endopeptidase| shows peptidyl-dipeptidase activity| liberating C-terminal dipeptides.|Thiol protease which is believed to participate in intracellular degradation and turnover of proteins. Has also been implicated in tumor invasion and metastasis.|Belongs to the peptidase C1 family.|subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.|subunit:Dimer of a heavy chain and a light chain cross-linked by a disulfide bond.|

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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