

## CATB Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01072
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human CATB (Cleaved-Leu80)
<b>Mol wt</b>	37290
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CATB
<b>Synonyms</b>	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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)