

CATB (Cleaved Leu80) Rabbit Polyclonal Antibody

Catalog# UZ-PA02114

Product information

产品货号	UZ-PA02114
别名	Cathepsin B (EC 3.4.22.1;APP secretase;APPS;Cathepsin B1) [Cleaved into: Cathepsin B light chain; Cathepsin B heavy chain];CPSB
产品名称	CATB (Cleaved Leu80) Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CTSB
推荐应用	WB,ELISA
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	1508
Human Swissprot No.	P07858
免疫原	Synthesized peptide derived from human CATB (Cleaved-Leu80)
稀释度	WB 1:1000-2000, ELISA 1:5000-20000
预测分子量	28 37kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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.,function:Thiol protease which is believed to participate in intracellular degradation and turnover of proteins. Has also been implicated in tumor invasion and metastasis.,similarity: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.,
细胞定位	Lysosome . Melanosome . Secreted, extracellular space . Apical cell membrane ; Peripheral membrane protein ; Extracellular side . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). Localizes to the lumen of thyroid follicles and to the apical membrane of thyroid epithelial cells (By similarity). .
纯化	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Clonality	Polyclonal