

# Cathepsin B Recombinant antibody

Cat:B35026D Company: HaoKebio

Uniprot ID:P07858 Applications: IHC:1:50-1:100

Organism: Rabbit IHC-Polymer: 1:200-1:400

Species reactivity: Human IHC-TSA:1:250-1:500

Molecular Weight Calculation: 38 kDa

WB:1:1000-1:5000

Observed Molecular Weight: 38 kDa

### Background:

This gene encodes a member of the C1 family of peptidases. Alternative splicing of this gene resul ts in multiple transcript variants. At least one of t hese variants encodes a preproprotein that is prot eolytically processed to generate multiple protein products. These products include the cathepsin B light and heavy chains, which can dimerize to form the double chain form of the enzyme. This enzyme is a lysosomal cysteine protease with bot h endopeptidase and exopeptidase activity that m ay play a role in protein turnover. It is also know n as amyloid precursor protein secretase and is in volved in the proteolytic processing of amyloid p recursor protein (APP). Incomplete proteolytic pr ocessing of APP has been suggested to be a caus ative factor in Alzheimer's disease, the most com mon cause of dementia. Overexpression of the en coded protein has been associated with esophage al adenocarcinoma and other tumors. Multiple ps eudogenes of this gene have been identified.

### Protein full name:

Cathepsin B

### Synonyms:

APPS; CPSB

### Immunogen:

Recombinant protein

### Isotype:

IgG

## Subcellular location:

Cytoplasm, Secrete

# Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02%sodium azide,100  $\mu$ g/ml BSA and 50% glyce rol.

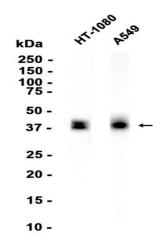
## Storage:

Store at -20 °C for one year.

### **Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Dilution of 1:5000 incubated at room temperature for 1.5 hours.

# Source of Reagents:

发表[中文论文]请标注:Cathepsin B(B35026D)由杭州浩克 生物技术有限公司提供;

发表[英文论文]请标注:Cathepsin B(B35026D) were kindl y provided by Hangzhou Haoke Biotechnology Co., Ltd.



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