

CTSB

CTSB, Rabbit Anti-Human Cathepsin B (Liver) pAb

Catalog No.	CSI19729A	Quantity:	1.0 mL
	CSI19729B		10 mL

Description: Cathepsin B (CTSB) is a lysosomal cysteine proteinase composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. It is a member of the peptidase C1 family. CTSB was once suspected as a candidate protease participating in the conversion of β -amyloid precursor protein into the amyloid plaques found in Alzheimer's disease patients. However, this function is now known to be mediated by BACE1 protease. It is now thought that CTSB can degrade β -amyloid precursor protein into harmless fragments. Thus, it is conceivable CTSB may play a pivotal role in the natural defense against Alzheimer's disease. Overexpression of CTSB has been associated with esophageal adenocarcinoma and other tumors. At least five transcript variants encoding the same protein have been found for this gene.

Concentration: 10.0 mg/mL

Volume: 1.0 mL

Molecular Weight: 38 kDa

Host: Rabbit Serum

Formulation: Frozen Liquid in PBS + 0.1% Sodium Azide

Purification: Antisera, Purified IgG by Ammonium Sulfate Fractionation

Cross-Reactivity: Does not react with Human Liver Cathepsin D, H, and L

Applications: Indirect ELISA, WB.
The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store at -20°C.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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