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anti-Cathepsin B antibody

Images



Overview

Quantity:	200 μL
Target:	Cathepsin B (CTSB)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin B antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human CTSB
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Cathepsin B (CTSB)
Alternative Name:	Cathepsin B (CTSB Products)
Background:	The protein encoded by this gene 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 also
	known as amyloid precursor protein secretase and is involved in the proteolytic processing of
	amyloid precursor protein (APP). Incomplete proteolytic processing of APP has been suggested

Target Details

to be a causative factor in Alzheimer disease, the most common cause of dementia.

Overexpression of the encoded protein, which is a member of the peptidase C1 family, has been associated with esophageal adenocarcinoma and other tumors. At least five transcript variants encoding the same protein have been found for this gene.

UniProt: P07858

Pathways: Activation of Innate immune Response, Toll-Like Receptors Cascades

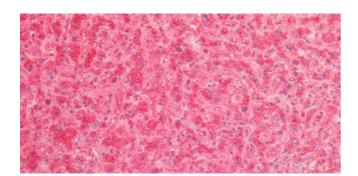
Application Details

Application Notes: IHC 1:150-1:500

Restrictions: For Research Use only

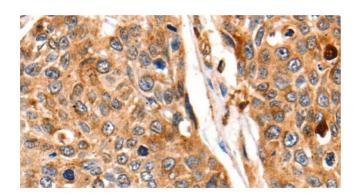
Handling

Format:	Liquid
Concentration:	0.8 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human Liver using Cathepsin B Polyclonal Antibody at dilution of 1:80.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using Cathepsin B Polyclonal Antibody at dilution 1:140