

CTSB polyclonal antibody (Biotin)

Catalog # PAB27959

Size 50 ug

Specification

Product Description	Chicken polyclonal antibody against synthetic peptide of CTSB.
Immunogen	A Synthetic peptide corresponding to amino acids of CTSB
Sequence	GQDHCGIESEVVAGIPR
Host	Chicken
Reactivity	Human
Form	Liquid
Conjugation	Biotin
Purification	Antigen affinity purification
Concentration	1 mg/mL
Isotype	IgY
Storage Buffer	In Phosphate-Buffered Saline with 0.02% Sodium Azide.
Storage Instruction	Store at 4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immuno-MRM (multiple reaction monitoring)

Gene Info — CTSB

Entrez GeneID	1508
Gene Name	CTSB
Gene Alias	APPS, CPSB
Gene Description	cathepsin B
Omim ID	116810
Gene Ontology	Hyperlink
Gene Summary	<p>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 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. [provided by RefSeq]</p>
Other Designations	APP secretase OTTHUMP00000116009 amyloid precursor protein secretase cathepsin B1 cysteine protease preprocathepsin B

Pathway

- [Antigen processing and presentation](#)
- [Lysosome](#)

Disease

- [Adenocarcinoma](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Kidney Failure](#)
- [Pancreatitis](#)
- [Prostatic Neoplasms](#)
- [Urinary Bladder Neoplasms](#)