



Rabbit Anti-Human CTSZ Polyclonal Antibody (CABT-L2246)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Cathepsin Z (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against CTSZ. It has been selected for its ability to recognize CTSZ in immunohistochemical staining and western blotting.
Target	CTSZ
Immunogen	Recombinant fragment corresponding to human CTSZ (Gly24~Val303)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	The protein encoded by this gene is a lysosomal cysteine proteinase and member of the peptidase C1 family. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. The encoded protein has also been known as cathepsin X and cathepsin P. This gene is expressed ubiquitously in cancer cell lines and primary tumors and, like other members of this family, may be involved in tumorigenesis. [provided by RefSeq, Oct 2008]
Keywords	CTS-Z;CTSX;Cathepsin P;Cathepsin X

GENE INFORMATION

Gene Name	CTSZ cathepsin Z [Homo sapiens (human)]
Official Symbol	CTSZ
Synonyms	CTSZ; cathepsin Z; CTSX; cathepsin P; cathepsin X; cathepsin Y; cathepsin B2; cathepsin IV; cathepsin Z1; preprocathepsin P; carboxypeptidase LB; lysosomal carboxypeptidase B; cysteine-type carboxypeptidase;
Entrez Gene ID	1522
Protein Refseq	NP_001327
UniProt ID	Q9UBR2
Chromosome Location	20q13.32
Pathway	Clathrin derived vesicle budding; Lysosome; Lysosome Vesicle Biogenesis; Membrane Trafficking; Metabolism of Angiotensinogen to Angiotensins; Metabolism of proteins; Peptide hormone metabolism; trans-Golgi Network Vesicle Budding;
Function	cysteine-type peptidase activity;