

---

<b>Product name:</b>	Cleaved-Cathepsin L2 (L114) Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABN08978
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human CATL2. AA range:95-144
<b>Reactivity:</b>	Human,Monkey
<b>Applications:</b>	WB 1:500-1:2000,ELISA 1:10000-1:20000
<b>Molecular Weight:</b>	37kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	<p>The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may play an important role in corneal physiology. This gene is expressed in colorectal and breast carcinomas but not in normal colon, mammary gland, or peritumoral tissues, suggesting a possible role for this gene in tumor processes. Alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2011],catalytic activity:The recombinant enzyme hydrolyzes proteins (serum albumin, collagen) and synthetic substrates (Z-Phe-Arg-NHMec &gt; Z-Leu-Arg-NHMec &gt; Z-Val-Arg-NHMec).,function:Cysteine protease. May have an important role in corneal physiology.,similarity:Belongs to the peptidase C1 family.,tissue specificity:Predominantly expressed in the thymus and testis. Also expressed in corneal epithelium, and to a lesser extent in conjunctival epithelium and skin.,</p>