



# Anti-CTSL polyclonal antibody (DPAB-DC1229)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	mouse homolog is deleted in the CD4 T-cell-deficient mouse mutant nacht (nkt); may play a role in CD4+ T-cell selection in the thymus [RGD, Feb 2006]
<b>Specificity</b>	This antibody recognizes the mature form of Cathepsin L (25 KDa).
<b>Immunogen</b>	A synthetic peptide corresponding to residues surrounding amino acids 223 of rat Ct11.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS (30% glycerol, 0.5% BSA, 0.02% thimerosal)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [Ct11 cathepsin L \[ Rattus norvegicus \(Norway rat\) \]](#)

<b>Official Symbol</b>	CTSL
<b>Synonyms</b>	CTSL; cathepsin L; CatL; CATHL; Ctsl1; cathepsin L1; MEP; CP-2; cyclic protein 2; major excreted protein;
<b>Entrez Gene ID</b>	<a href="#">25697</a>
<b>Protein Refseq</b>	<a href="#">NP_037288</a>
<b>UniProt ID</b>	<a href="#">P07154</a>
<b>Chromosome Location</b>	17p14
<b>Pathway</b>	Activation of Matrix Metalloproteinases; Antigen processing and presentation; Degradation of the extracellular matrix; Extracellular matrix organization
<b>Function</b>	aminopeptidase activity; collagen binding; cysteine-type carboxypeptidase activity; cysteine-type endopeptidase activity