

#### OriGene Technologies, Inc.

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# **Product datasheet for TA363778**

# **Ctsl Rabbit Polyclonal Antibody**

## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse CTSL
Specificity:	Expected reactivity: Mouse
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	36 kDa
Gene Name:	cathepsin L
Database Link:	<u>NP_034114.1</u> <u>Entrez Gene 13039 Mouse</u> <u>P06797</u>



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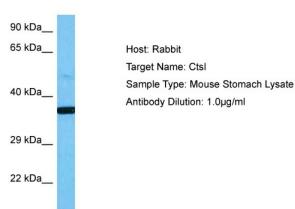
#### **Ctsl Rabbit Polyclonal Antibody – TA363778**

Background:This gene encodes a member of the peptidase C1 (papain) family of cysteine proteases. The<br/>encoded preproprotein is proteolytically processed to generate multiple protein products.<br/>These products include the activation peptide and the cathepsin L1 heavy and light chains.<br/>The mature enzyme appears to be important in embryonic development through its<br/>processing of histone H3 and may play a role in disease progression in a model of kidney<br/>disease. Homozygous knockout mice for this gene exhibit hair loss, skin thickening, bone and<br/>heart defects, and enhanced susceptibility to bacterial infection. A pseudogene of this gene<br/>has been identified in the genome.

#### Synonyms:

1190035F06Rik; Ctsl1; fs; MEP; nkt

### **Product images:**



Host: Rabbit Target Name: CTSL Sample Tissue: Mouse Stomach lysates Antibody Dilution: 1ug/ml

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