

## Rabbit CTSL Polyclonal Antibody | anti-CTSL antibody

CTSL Polyclonal Antibody

|                               |                       |                                        |                                           |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------|
| CATALOG #<br><b>AAA177126</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------|

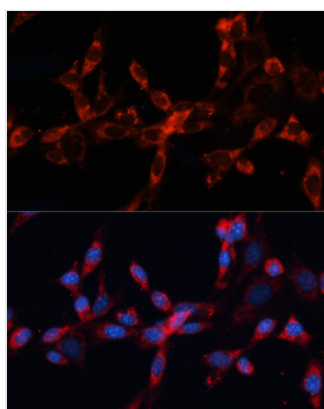
### PRODUCT SYNONYMS

CTSL; Polyclonal Antibody; CTSL Polyclonal Antibody; CATL; CTSL1; MEP; anti-CTSL antibody

### PRODUCT SPECIFICATIONS

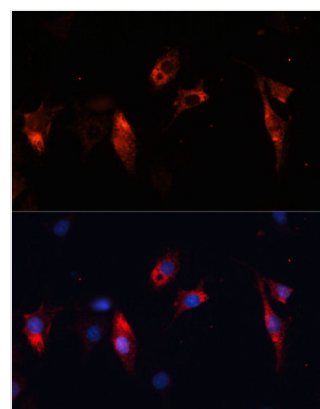
|                                                |                                                       |
|------------------------------------------------|-------------------------------------------------------|
| Host                                           | Rabbit                                                |
| Reactivity                                     | Human, Mouse, Rat                                     |
| Clonality                                      | Polyclonal                                            |
| Isotype                                        | IgG                                                   |
| Purity/Purification                            | Affinity purification                                 |
| Form/Format                                    | PBS with 0.02% sodium azide, 50% glycerol, pH7.3      |
| Concentration                                  | 1mg/mL (varies by lot)                                |
| Applicable Applications for anti-CTSL antibody | IF (Immunofluorescence)                               |
| Immunogen                                      | Recombinant fusion protein of human CTSL (NP_0019031) |
| Conjugation                                    | Unconjugated                                          |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.      |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using CTSL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using CTSL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CTSL antibody | The protein encoded by this gene is a lysosomal cysteine proteinase that plays a major role in intracellular protein catabolism. Its substrates include collagen and elastin, as well as alpha-1 protease inhibitor, a major controlling element of neutrophil elastase activity. The encoded protein has been implicated in several pathologic processes, including myofibril necrosis in myopathies and in myocardial ischemia, and in the renal tubular response to proteinuria. This protein, which is a member of the peptidase C1 family, is a dimer composed of disulfide-linked heavy and light chains, both produced from a single protein precursor. Multiple alternatively spliced transcript variants have been found for this gene. |
| Product Categories/Family for anti-CTSL antibody   | Cancer; Neuroscience; Signal Transduction; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 384081592                            |
| NCBI GeneID                      | 1514                                 |
| NCBI Accession #                 | NP_001244900.1                       |
| NCBI GenBank Nucleotide #        | NM_001257971.1                       |
| UniProt Accession #              | P07711; Q6IAV1; Q96QJ0               |
| Molecular Weight                 | 37,564 Da                            |
| NCBI Official Full Name          | cathepsin L1 isoform 1 preproprotein |
| NCBI Official Synonym Full Names | cathepsin L1                         |
| NCBI Official Symbol             | CTSL1                                |
| NCBI Official Synonym Symbols    | MEP; CATL; CTSL                      |
| NCBI Protein Information         | cathepsin L1; major excreted protein |
| UniProt Protein Name             | Cathepsin L1                         |
| UniProt Gene Name                | CTSL1                                |
| UniProt Synonym Gene Names       | CTSL; MEP                            |
| UniProt Entry Name               | CATL1_HUMAN                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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