

CTSL polyclonal antibody (A01)

Catalog # H00001514-A01

Size 50 uL

Specification

| | |
|-------------------------|--|
| Product Description | Mouse polyclonal antibody raised against a full-length recombinant CTSL. |
| Immunogen | CTSL (AAH12612.1, 1 a.a. ~ 333 a.a) full-length recombinant protein with GST tag. |
| Sequence | MNPTLILAAFCLGIASATLTFDHSLEAQWTKWKAMHNRLYGMNEEGWRRVWEKNVKMIELHNQ EYREGKHSFTMAMNAFGDMTSEEFQVMNGFQNRKPRKGKVFQEPLFYEAPRSVDWREKGYV TPVKNQGGQCGSCWAFSATGALEGQMFRKTGRLISLSEQNLVDCSGPQGNEGCNGLMDYAFQY VQDNGGLDSEESYPYEATEESCKYNPKYSVANDTGFVDIPKQEKALMKAVATVGPISVAIDAGHE SFLFYKEGNYFEPDCSSDMDHGVLVVGYGFESTESDNNKYWLVKNSWGEEWGMGGYVKMAK DRRNHCGIASAASYPTV |
| Host | Mouse |
| Reactivity | Human |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. |
| Storage Buffer | 50 % glycerol |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- ELISA

Gene Info — CTSL1

| | |
|---------------------|----------------------------|
| Entrez GeneID | 1514 |
| GeneBank Accession# | BC012612 |
| Protein Accession# | AAH12612.1 |

| | |
|--------------------|--|
| Gene Name | CTSL1 |
| Gene Alias | CATL, CTSL, FLJ31037, MEP |
| Gene Description | cathepsin L1 |
| Omim ID | 116880 |
| Gene Ontology | Hyperlink |
| Gene Summary | <p>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. At least two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]</p> |
| Other Designations | OTTHUMP00000021601 OTTHUMP00000021602 OTTHUMP00000063566 cathepsin L major excreted protein |

Pathway

- [Antigen processing and presentation](#)
- [Lysosome](#)