## **German Research Products - GRP GmbH**

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## **Product Datasheet**

## Cathepsin L Polyclonal Antibody GRP407

**Description** 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.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications ICC, IF, IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from mouse capsin L1

proprotein (public\_immunogen\_range: 80-120/334)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

**Note** For research use only.

**Isotype** IgG

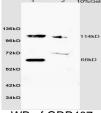
**Clonality** Polyclonal

**Purity** Purified by Protein A.

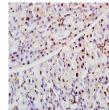
Uniprot ID P06797

Entrez 13039

**Dilution Range** WB: 1:300-1000, IHC-P: 1:200-400, IF: 1:50-200



WB of GRP407



IHC-P of GRP407