

Datasheet for ABIN687541

anti-Cathepsin L antibody (AA 71-170) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Cathepsin L (CTSL1)
Binding Specificity:	AA 71-170
Reactivity:	Human, Rat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin L antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse capsin L1 proprotein
Isotype:	IgG
Cross-Reactivity:	Human, Pig, Rat
Predicted Reactivity:	Mouse
Purification:	Purified by Protein A.

Target Details

Target:	Cathepsin L (CTSL1)
Alternative Name:	Cathepsin L (CTSL1 Products)

Target Details

Background:	Synonyms: fs, MEP, nkt, Ctsl1, 1190035F06Rik, Cathepsin L1, Cathepsin L, Major excreted protein, p39 cysteine proteinase, Ctsl Background: 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.
Gene ID:	13039
UniProt:	P06797
Pathways:	Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months