Datasheet for ABIN1106826

anti-Cathepsin L antibody (Mature)

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Overview

Quantity:	0.1 mg
Target:	Cathepsin L (CTSL1)
Binding Specificity:	Mature
Reactivity:	C. elegans
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin L antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide derived from Mature-region of CPL-1
Specificity:	Reacts with 36 kDa CPL-1 wild-type protein of C.elegans.
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	Cathepsin L (CTSL1)
Alternative Name:	CPL-1 (CTSL1 Products)
Background:	Cathepsin L protease (CPL-1) is involved in the degradation of intracellular and extracellular proteins and is essential for yolk processing during embryogenesis in Caenorhabditis elegans.Synonyms: Cathepsin L protease, T03E6.7

Target Details

Gene ID:	180111
NCBI Accession:	NP_507199
Pathways:	Activation of Innate immune Response, Toll-Like Receptors Cascades

Application Details

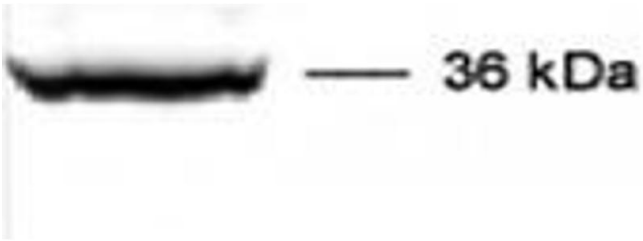
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in distilled water.
Buffer:	0.1 M Tris, 0.1 M Glycine and 2 % Sucrose, None
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Prior to reconstitution store the antibody at -20 °C. Store reconstituted antibody at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Publications

Product cited in:	Omi, Kiyokawa, Matsuda, Kinoshita, Yamada, Yamada, Matsushima, Wang, Kawai, Suzuki, Hayashizaki, Hiai: "Mutation of Dock5, a member of the guanine exchange factor Dock180 superfamily, in the rupture of lens cataract mouse." in: **Experimental eye research**, Vol. 86, Issue 5, pp. 828-34, (2008) (PubMed).



Western Blotting

Image 1. Western Blot of Caenorhabditis elegans adult worm extracts.

The band shows the wild-type Cathepsin L-protease (~ 36 kDa)