antibodies -online.com







Images



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Quantity:	200 μL
Target:	Cathepsin L (CTSL1)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin L antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human CTSL	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

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

Target Details

	myopathies and in myocardial ischemia, and in the renal tubular response to proteinuria.	
Molecular Weight:	38 kDa	
UniProt:	P07711	
Pathways:	Activation of Innate immune Response, Toll-Like Receptors Cascades	

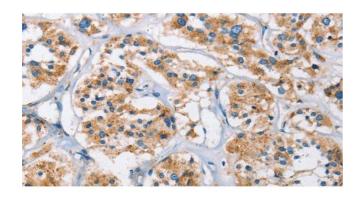
Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

Handling

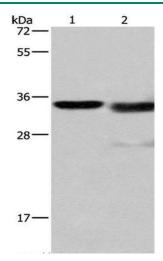
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



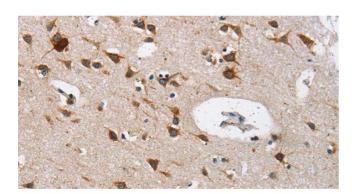
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human thyroid cancer using Cathepsin L Polyclonal Antibody at dilution of 1:40



Western Blotting

Image 2. Western Blot analysis of Mouse kidney tissue and A172 cell using Cathepsin L Polyclonal Antibody at dilution of 1:900



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human brain using Cathepsin L Polyclonal Antibody at dilution of 1:40