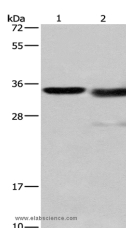


## Cathepsin L Polyclonal Antibody

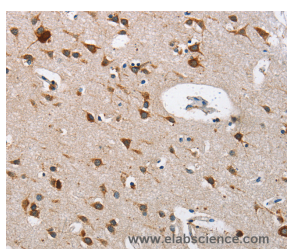
<b>Catalog No.</b>	E-AB-13976	<b>Reactivity</b>	H,M
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

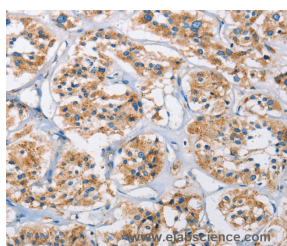
### Images



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



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



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

### Immunogen Information

<b>Immunogen</b>	Recombinant protein of human CTSL
<b>Gene Accession</b>	BC012612
<b>Swissprot</b>	P07711
<b>Synonyms</b>	MEP,CATL,CTSL1

### Product Information

<b>Calculated MW</b>	38kDa
<b>Buffer</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IHC 1:50-1:200

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.