



Datasheet for ABIN7431476  
**anti-Cathepsin K antibody (AA 71-319)**



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Cathepsin K (CTSK)
Binding Specificity:	AA 71-319
Reactivity:	Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin K antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cathepsin K (CTSK)
Immunogen:	Recombinant Cathepsin K (CTSK) corresponding to Thr71~Cys319 (Accession # Q3ZKN1) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CTSK. It has been selected for its ability to recognize CTSK in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	Cathepsin K (CTSK)
Alternative Name:	Cathepsin K ( <a href="#">CTSK Products</a> )
Background:	CTS-K, CTS02, CTSO, CTSO1, CTSO2, PKND, PYCD, Pycnodysostosis, Cathepsin O, Cathepsin X
Pathways:	<a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

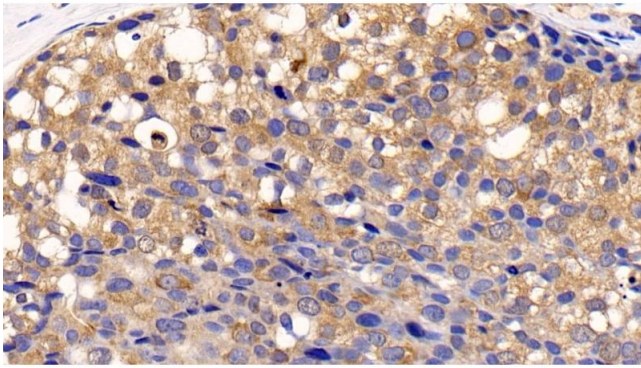
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Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-50 µg/mL Immunocytochemistry: 5-50 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

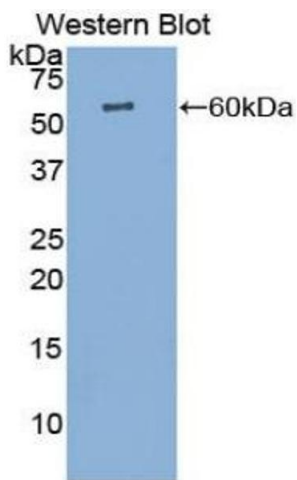
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



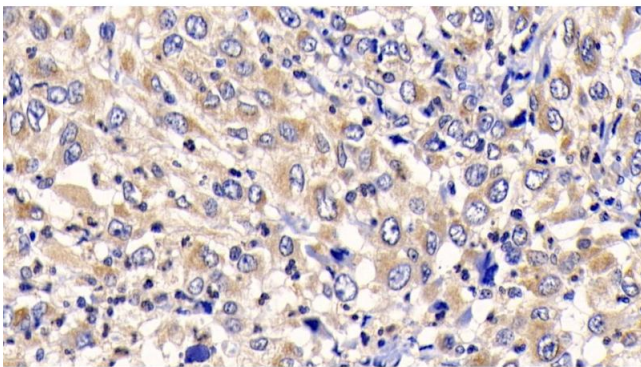
#### Immunohistochemistry

**Image 1.** Detection of CTSK in Human Breast cancer Tissue using Polyclonal Antibody to Cathepsin K (CTSK)



#### Western Blotting

**Image 2.** Detection of Recombinant CTSK, Canine using Polyclonal Antibody to Cathepsin K (CTSK)



#### Immunohistochemistry

**Image 3.** Detection of CTSK in Human Liver cancer Tissue using Polyclonal Antibody to Cathepsin K (CTSK)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7431476.