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Datasheet for ABIN732098 anti-Cathepsin D antibody (AA 101-200)

3 Images

1 Publication



Overview

Quantity:	100 μL
Target:	Cathepsin D (CTSD)
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Capsin D
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	Cathepsin D (CTSD)

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Target Details

Alternative Name:	Cathepsin D/CTSD (CTSD Products)
Background:	Synonyms: CPSD, CLN10, HEL-S-130P, Cathepsin D, CTSD Background: Acid protease active in intracellular protein breakdown. Involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease.
Gene ID:	1509
UniProt:	P07339
Pathways:	Peptide Hormone Metabolism

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

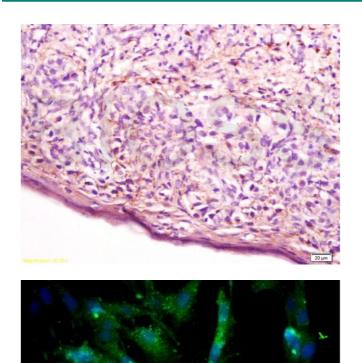
Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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Liao, Li, Li, Liu: "Organellar proteome analyses of ricin toxin-treated HeLa cells." in: **Toxicology** and industrial health, (2014) (PubMed).

Images

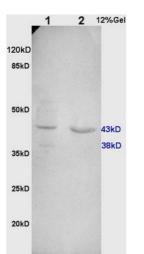


Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human skin of vulva tissue labeled with Anti-Cathepsin D Polyclonal Antibody, Unconjugated (ABIN732098) at 1:200 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining

Immunofluorescence (Cultured Cells)

Image 2. Image provided by One World Lab validation program. U138 cells probed with Rabbit Anti-Cathepsin D/CTSD Polyclonal Antibody at 1:50 for 60 minutes at room temperature followed by Goat Anti-Rabbit IgG (H+L) Alexa Fluor 488 Conjugated secondary antibody.



SDS-PAGE

Image 3. L1 rat kidney, L2 human colon carcinoma lysates probed (ABIN732098) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted and observed band size: 43kDa.

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