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anti-Cathepsin H antibody (Internal Region)

Images



Target:

Quantity:	100 μL
Target:	Cathepsin H (CTSH)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin H antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)
Product Details	
Immunogen:	A synthesized peptide derived from human Cathepsin H, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	Cathepsin H Antibody detects endogenous levels of total Cathepsin H.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	

Cathepsin H (CTSH)

Target Details

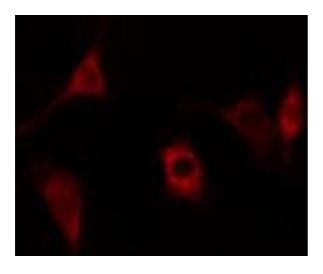
Alternative Name:	CTSH (CTSH Products)
Background:	Description: Important for the overall degradation of proteins in lysosomes. Gene: CTSH
Molecular Weight:	37 kDa
Gene ID:	1512
UniProt:	P09668
Pathways:	Positive Regulation of Endopeptidase Activity

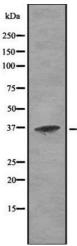
Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



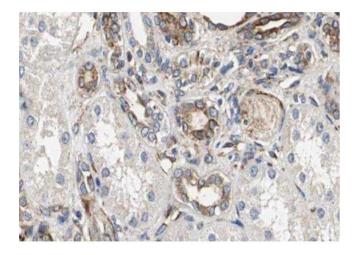


Immunofluorescence (fixed cells)

Image 1. ABIN6278432 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod

Western Blotting

Image 2. Western blot analysis of Cathepsin H using K562 whole cell lysates



Immunohistochemistry

Image 3. ABIN6278432 at 1/100 staining Human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_iaC. An HRP conjugated goat anti-rabbit antibody was used as the secondary