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Datasheet for ABIN7149978 anti-CTSC antibody (AA 25-134)

Image



Overview

Quantity:	100 µg
Target:	CTSC
Binding Specificity:	AA 25-134
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTSC antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Dipeptidyl peptidase 1 protein (25-134AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CTSC
Alternative Name:	CTSC (CTSC Products)
Background:	Background: Thiol protease. Has dipeptidylpeptidase activity. Active against a broad range of
	dipeptide substrates composed of both polar and hydrophobic amino acids. Proline cannot

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	occupy the P1 position and arginine cannot occupy the P2 position of the substrate. Can act as
	both an exopeptidase and endopeptidase. Activates serine proteases such as elastase,
	cathepsin G and granzymes A and B. Can also activate neuraminidase and factor XIII.
	Aliases: AI047818 antibody, CATC antibody, CATC_HUMAN antibody, Cathepsin C antibody,
	Cathepsin J antibody, CPPI antibody, CTSC antibody, Dipeptidyl peptidase 1 antibody, Dipeptidyl
	peptidase 1 light chain antibody, Dipeptidyl peptidase I antibody, Dipeptidyl peptidase I
	exclusion domain chain antibody, Dipeptidyl peptidase I heavy chain antibody, Dipeptidyl
	peptidase I light chain antibody, Dipeptidyl transferase antibody, DPP I antibody, DPP-I antibody,
	DPPI antibody, EC 3.4.14.1 antibody, HMS antibody, JP antibody, JPD antibody, MGC126959
	antibody, PALS antibody, PDON1 antibody, PLS antibody
UniProt:	P53634
Application Details	
Application Notes:	Recommended dilution: IHC:1:200-1:500,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7149978 diluted at 1:300 and staining in paraffin-embedded human lung tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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