

Datasheet for ABIN1536111

anti-Cathepsin G antibody (Cleaved-Ile21)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Cathepsin G (CTSG)
Binding Specificity:	AA 2-51, Cleaved-Ile21
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin G antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CATG.
Isotype:	IgG
Specificity:	CATG (Cleaved-Ile21) Antibody detects endogenous levels of fragment of activated CATG resulting from cleavage adjacent to Ile21.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Cathepsin G (CTSG)
Alternative Name:	CATG (CTSG Products)

Target Details

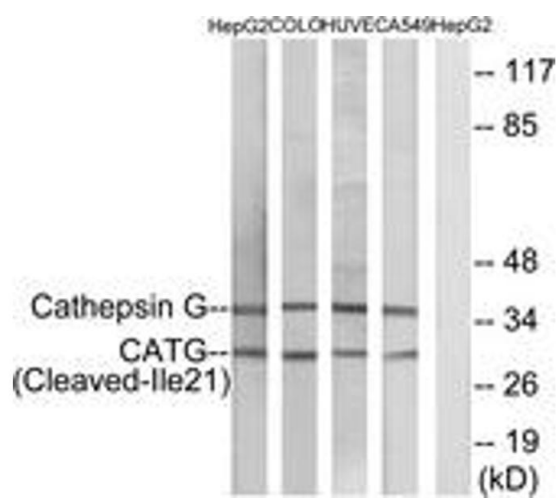
Background:	Synonyms: Cathepsin G, CG, CTSG NCBI Gene Symbol: CTSG
Molecular Weight:	29 and 36 kDa
Gene ID:	1511
OMIM:	116830
UniProt:	P08311
Pathways:	ACE Inhibitor Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:20000
Comment:	Unigene-Number: Hs.421724 (NCBI Gene Symbol: CTSG)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2/COLO/HuvEc/A549 cells, using CATG (Cleaved-Ile21) Antibody. The lane on the right is treated with the synthesized peptide.