

Datasheet for ABIN2788689

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

Overview

Quantity:	100 µL
Target:	Cathepsin G (CTSG)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin G antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	SYDPRRQICV GDRRERKAAF KGDSGGPLLC NNVAHGIVSY GKSSGVPPEV
Predicted Reactivity:	Guinea Pig: 79%, Human: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against CTSG. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Cathepsin G (CTSG)
Alternative Name:	CTSG (CTSG Products)
Background:	The protein encoded by this gene, a member of the peptidase S1 protein family, is found in azurophil granules of neutrophilic polymorphonuclear leukocytes. The encoded protease has a

Target Details

specificity similar to that of chymotrypsin C, and may participate in the killing and digestion of engulfed pathogens, and in connective tissue remodeling at sites of inflammation. Transcript variants utilizing alternative polyadenylation signals exist for this gene.

Alias Symbols: CG, MGC23078, CATG

Protein Interaction Partner: NOTCH2NL, KRT31, env, SERPINB4, ERBB2IP, PARP1, RAD21, PPBP, SERPINB13, F2RL2, CASP7, F2RL1, CXCL12, SELPLG, CAMP, SERPINA1, GP1BA, KNG1, F5, VCAM1, THBS1, F2R, SDC1, CXCR4, IGFBP3, SERPIND1, C3, LRP1, SERPINA3, AGT, Protein Size: 255

Molecular Weight:	27 kDa
Gene ID:	1511
NCBI Accession:	NM_001911 , NP_001902
UniProt:	P08311
Pathways:	ACE Inhibitor Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 255 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

