

Datasheet for ABIN926671
anti-Cathepsin G antibody (C-Term)



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1 Image

Overview

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

Product Details

Immunogen:	CTSG antibody was raised in rabbit using the C terminal of CTSG as the immunogen
Purification:	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 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. Synonyms: Polyclonal

Target Details

CTSG antibody, Anti-CTSG antibody, cathepsin G antibody, CG antibody, MGC23078 antibody.

Pathways: [ACE Inhibitor Pathway](#), [Peptide Hormone Metabolism](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Comment: CTSG Blocking Peptide, catalog no. 33R-10411, is also available for use as a blocking control in assays to test for specificity of this CTSG antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

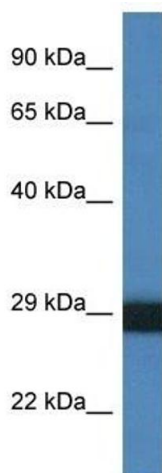
Buffer: Lyophilized powder. Add 50 μ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. Western Blot showing CTSG antibody used at a concentration of 1 μ g/ml against THP-1 Cell Lysate