

Product datasheet for TA357799

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Cathepsin G (CTSG) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Specificity: Expected reactivity: Guinea Pig, Human, Rat

Homology: Guinea Pig: 79%; Human: 100%; Rat: 86%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: 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.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 27kDa

Gene Name: cathepsin G

Database Link: NP 001902

Entrez Gene 1511 Human

P08311

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: CG; MGC23078

Protein Families: Druggable Genome, Protease

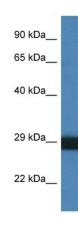




Protein Pathways:

Lysosome, Neuroactive ligand-receptor interaction, Renin-angiotensin system, Systemic lupus erythematosus

Product images:



WB Suggested Anti-CTSG Antibody

Titration: 1.0 ug/ml

Positive Control: THP-1 Whole Cell