

Cleaved-Cathepsin G (I21) Polyclonal Antibody

Cat No: HR1AP2142

For research use only

Overview

Product Name	Cleaved-Cathepsin G (I21) Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	29+36kDa
GeneID?Human?	CTSG
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CTSG; Cathepsin G; CG
Background	<p>cathepsin G(CTSG) Homo sapiens 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. In addition, the encoded protein is antimicrobial, with bacteriocidal activity against <i>S. aureus</i> and <i>N. gonorrhoeae</i>. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq, Sep 2014],</p>