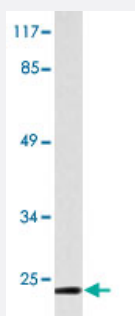


CTSG polyclonal antibody

Catalog # PAB25152 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell lysate with CTSG polyclonal antibody (Cat # PAB25152).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CTSG.
Immunogen	A synthetic peptide corresponding to CTSG.
Host	Rabbit
Theoretical MW (kDa)	22
Reactivity	Human
Specificity	CTSG polyclonal antibody detects endogenous levels of CTSG protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell lysate with CTSG polyclonal antibody (Cat # PAB25152).

Gene Info — CTSG

Entrez GeneID[1511](#)**Gene Name**

CTSG

Gene Alias

CG, MGC23078

Gene Description

cathepsin G

Omim ID[116830](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene, a member of the peptidase S1 protein family, is found in azurophilic 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. [provided by RefSeq]

Other Designations

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Pathway

- [Lysosome](#)
- [Neuroactive ligand-receptor interaction](#)
- [Renin-angiotensin system](#)
- [Systemic lupus erythematosus](#)

Disease

- [Alzheimer disease](#)
- [Brain Infarction](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Renal Insufficiency](#)
- [Sepsis](#)
- [Werner syndrome](#)