

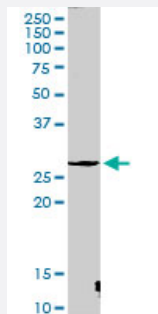
MaxPab®

CTSG purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001511-D01P

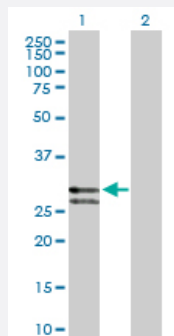
Size 100 ug

Applications



Western Blot (Tissue lysate)

CTSG MaxPab rabbit polyclonal antibody. Western Blot analysis of CTSG expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of CTSG expression in transfected 293T cell line ([H00001511-T01](#)) by CTSG MaxPab polyclonal antibody.

Lane 1: CTSG transfected lysate(28.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CTSG protein.

Immunogen

CTSG (NP_001902.1, 1 a.a. ~ 255 a.a) full-length human protein.

Sequence

MQPLLLLLAFLLPTGAEAGEIIGGRESRPHSRPYMAYLQIQSPAGQSRCGGFLVREDFVLTAHC
WGSNINVTLGAHNIQRRENTQQHITARRAIRHPQYNQRTIQNDIMLLQLSRRVRRNRNVNPVALPRA
QEGLRPGTLC TVAGWGRVSMRRGDTLREVQLRVQRDRQCLRIFGSYDPRRQICVGDRRERKAA
FKGDSGGPLLNNVAHGIVSYGKSSGVPPEVFTRVSSFLPWIRTTMRSFKLLDQMETPL

Host

Rabbit

Reactivity

Human, Mouse

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — CTSG

Entrez GeneID	1511
GeneBank Accession#	NM_001911.2
Protein Accession#	NP_001902.1
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 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. [provided by RefSeq]
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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](#)