

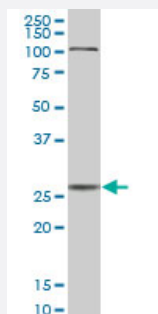
MaxPab®

CTSD purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001509-B01P

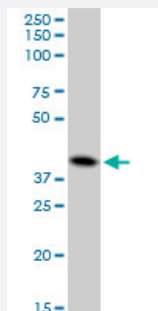
Size 50 ug

Applications



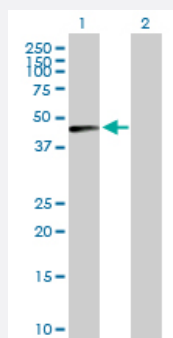
Western Blot (Tissue lysate)

CTSD MaxPab polyclonal antibody. Western Blot analysis of CTSD expression in human pancreas.



Western Blot (Cell lysate)

CTSD MaxPab polyclonal antibody. Western Blot analysis of CTSD expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of CTSD expression in transfected 293T cell line ([H00001509-T01](#)) by CTSD MaxPab polyclonal antibody.

Lane 1: CTSD transfected lysate(45.32 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CTSD protein.

Immunogen	CTSD (AAH16320.1, 1 a.a. ~ 412 a.a) full-length human protein.
Sequence	MQPSSLLPLALCLLAAPASALVRIPLHKFTSIRRTMSEVGGSVEDLIAKGPVSKYSQAVPAVTEGPI PEVLKNYMDAQYYGEIGITPPQCFTVVFDTGSSNLWVPSIHCKLLDIACWIHHKYNSDKSSTYVKN GTSFDIHYGSGSLSGYLSQDTVSVPCQSASSASALGGVKVERQVFGEATKQPGITFIAAKFDGILG MAYPRISVNNVLPVFDNLMQQKLVDQNFYSFYLSRDPDAQPGGELMLGGTDSKYYKGSLSYLNVT RKAYWQVHLDQVEVASGLTLCKEGCEAVDTGTSLMVGPVDEVRELQKAIGAVPLIQGEYMIPCE KVSTLPAITLKLGGKGYKLSPEDYTLKVSQAGKTLCLSGFMGMDIPPSGPLWILGDVFIGRYTTF DRDNNRVGFAEAARL
Host	Mouse
Reactivity	Human
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.

Applications

- Western Blot (Tissue lysate)

CTSD MaxPab polyclonal antibody. Western Blot analysis of CTSD expression in human pancreas.

[Protocol Download](#)

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- Western Blot (Transfected lysate)

Western Blot analysis of CTSD expression in transfected 293T cell line ([H00001509-T01](#)) by CTSD MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — CTSD

Entrez GeneID [1509](#)

GeneBank Accession#	NM_001909
Protein Accession#	AAH16320.1
Gene Name	CTSD
Gene Alias	CLN10, CPSD, MGC2311
Gene Description	cathepsin D
Omim ID	116840 610127
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a lysosomal aspartyl protease composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. This proteinase, which is a member of the peptidase C1 family, has a specificity similar to but narrower than that of pepsin A. Transcription of this gene is initiated from several sites, including one which is a start site for an estrogen-regulated transcript. Mutations in this gene are involved in the pathogenesis of several diseases, including breast cancer and possibly Alzheimer disease. [provided by RefSeq]
Other Designations	lysosomal aspartyl peptidase lysosomal aspartyl protease

Pathway

- [Lysosome](#)

Disease

- [Alzheimer disease](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Creutzfeldt-Jakob Syndrome](#)
- [Dementia](#)
- [Depressive Disorder](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
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- [Ovarian Neoplasms](#)
- [Parkinson disease](#)
- [Periodontitis](#)