

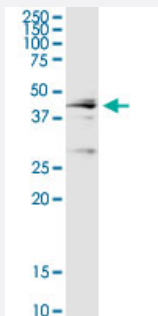
MaxPab®

CTSD MaxPab rabbit polyclonal antibody (D01)

Catalog # H00001509-D01

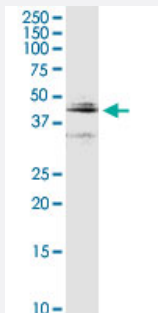
Size 100 uL

Applications



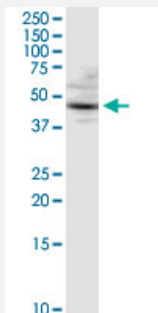
Western Blot (Tissue lysate)

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



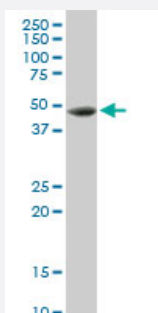
Western Blot (Tissue lysate)

CTSD MaxPab rabbit polyclonal antibody. Western Blot analysis of CTSD expression in mouse brain.



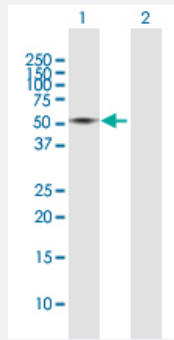
Western Blot (Cell lysate)

CTSD MaxPab rabbit polyclonal antibody. Western Blot analysis of CTSD expression in IMR-32.



Western Blot (Cell lysate)

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

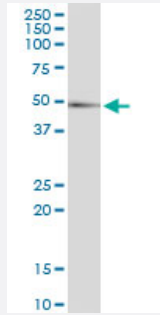


Western Blot (Transfected lysate)

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

Lane 1: CTSD transfected lysate(44.6 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of CTSD transfected lysate using anti-CTSD MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CTSD purified MaxPab mouse polyclonal antibody (B01P) ([H00001509-B01P](#)).

Specification

Product Description	Rabbit 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 PEVLKNYMDAQYYGEIGITPPQCFTVVFDTGSSNLWVPSIHCKLLDIACWIIHHKYNSDKSSTYVKN GTSFDIHYGSGSLSGYLSQDTVSVPCQSASSASALGGVKVERQVFGEATKQPGITFIAAKFDGILG MAYPRISVNNVLPVFDNLMQQKLVDQNFYSFYLSRDPDAQPGGELMLGGTDSKYKGSLSYLNVT RKAYWQVHLDQVEVASGLTLCKEGCEAIVDTGTSLMVGPVDEVRELQKAIGAVPLIQGEYMIPCE KVSTLPAITLKLGGKGYKLSPEDYTLKVSQAGKTLCLSGFMGMDIPPPSGPLWILGDVFIGRYTTF DRDNNRVGFAEAARL
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Tissue lysate)

CTSD MaxPab rabbit polyclonal antibody. Western Blot analysis of CTSD expression in mouse brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

CTSD MaxPab rabbit polyclonal antibody. Western Blot analysis of CTSD expression in IMR-32.

[Protocol Download](#)

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- 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(44.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of CTSD transfected lysate using anti-CTSD MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CTSD purified MaxPab mouse polyclonal antibody (B01P) ([H00001509-B01P](#)).

[Protocol Download](#)

Gene Info — CTSD

Entrez GeneID	1509
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GeneBank Accession#	NM_001909
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Protein Accession#	AAH16320.1
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Gene Name	CTSD
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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](#)

- [Genetic Predisposition to Disease](#)
- [Memory](#)
- [Mental Processes](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Parkinson disease](#)
- [Periodontitis](#)