

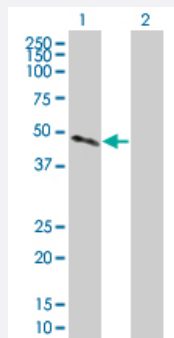
MaxPab®

CTSH MaxPab mouse polyclonal antibody (B02P)

Catalog # H00001512-B02P

Size 50 ug

Applications

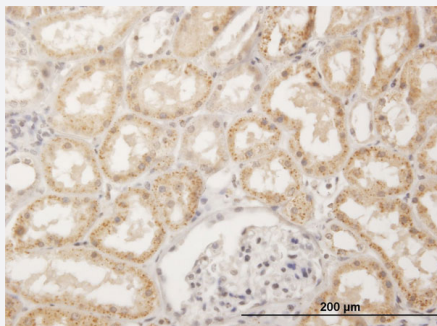


Western Blot (Transfected lysate)

Western Blot analysis of CTSH expression in transfected 293T cell line ([H00001512-T02](#)) by CTSH MaxPab polyclonal antibody.

Lane 1: CTSH transfected lysate(36.85 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to CTSH on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

Specification

Product Description

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

Immunogen

CTSH (NP_004381.2, 1 a.a. ~ 335 a.a) full-length human protein.

Sequence

MWATLPLLCAWLLGVPVCGAAELCVNSLEKFHFKSWMSKHRKTYSTEEYHHRLQTFASNWR
KINAHNNGNHTFKMALNQFSDMSFAEIKHKYLWSEPQNCSATKSNYLRGTGPYPSPVDWRKKGN
FVSPVKNQGACGSCWTFSTTGALESIAIATGKMLSLAEQQLVDCAQDFNNHGCQGGLPSQAFE
YILYNKGIMGEDTYPYQKGDGYCKFQPGKAIGFVKDVANITYDEEAMVEAVALYNPVSFAFEVTQD
FMMYRTGYSSTSCHKTPDKVNHAVLAVGYGEKNGIPYWIVKNSWGPQWGMNGYFLIERGKNMC
GLAACASYIPLV

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.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — CTSH

Entrez GeneID	1512
GeneBank Accession#	NM_004390.2
Protein Accession#	NP_004381.2
Gene Name	CTSH
Gene Alias	ACC-4, ACC-5, CPSB, DKFZp686B24257, MGC1519, minichain
Gene Description	cathepsin H
Omim ID	116820
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The encoded protein, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased expression of this gene has been correlated with malignant progression of prostate tumors. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

N-benzoylarginine-beta-naphthylamide hydrolase|aleurain|cathepsin B3|cathepsin BA

Pathway

- [Lysosome](#)

Disease

- [Alzheimer disease](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)