

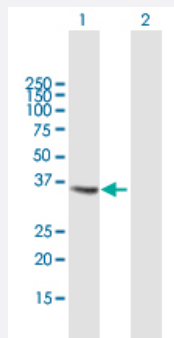
MaxPab®

CTSS purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00001520-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CTSS expression in transfected 293T cell line ([H00001520-T02](#)) by CTSS MaxPab polyclonal antibody.

Lane 1: CTSS transfected lysate(36.41 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

CTSS (NP_004070.3, 1 a.a. ~ 331 a.a) full-length human protein.

Sequence

MKRLVCVLLVCSSAVAQLHKDPTLDHHWHLWKKTYGKQYKEKNEEAVRRLIWEKNLKFVMLHNL
EHSMGMHSYDLGMNHLGDMTSEEVMSSLRVPSQWQRNITYKSNPNRILPDSVDWREKGC
TEVKYQGSCGACWAFSAVGALEAQLKLKTGKLVSLSAQNLVDCSTEKYGNKGCNGGFM
TTAFQYIIDNKGIDSDASYPYKAMDQKCQYDSKYRAATCSKYTELPGREDVLKEAVANKGPV
SVGVGDARHPSFFLYRSGVYEPSCQNVNHGVLVVGYGDLNGKEYWLVKNSWGHNFGE
EGYIRMARNKGNHCGIASFPSYPEI

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (74); Rat (77)

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](#)

Gene Info — CTSS

Entrez GeneID [1520](#)

GeneBank Accession# [NM_004079.3](#)

Protein Accession# [NP_004070.3](#)

Gene Name CTSS

Gene Alias MGC3886

Gene Description cathepsin S

Omim ID [116845](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may participate in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. The encoded protein can function as an elastase over a broad pH range in alveolar macrophages. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000032942

Pathway

- [Antigen processing and presentation](#)
- [Lysosome](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Obesity](#)