

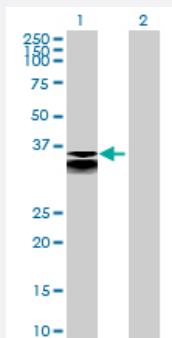
MaxPab®

CTSL2 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001515-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CTSL2 expression in transfected 293T cell line ([H00001515-T01](#)) by CTSL2 MaxPab polyclonal antibody.

Lane 1: CTSL2 transfected lysate(36.74 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CTSL2 protein.

Immunogen

CTSL2 (NP_001324, 1 a.a. ~ 334 a.a) full-length human protein.

Sequence

MNLSLVLA AFCLGIASAVPKFDQNLDTKWYQWKATHRRLYGANEEGWRRRAVWEKNMKMIELHN
GEYSQGKHGFTMAMNAFGDMTNEEFRQMMGCFRNQKFRKGKVFREPLFLDLPKSVDWRKKGY
VTPVKNQKQCGSCWAFSATGALEGGMFRKTGKLVSLSEQNLVDCSRPQGNQGCNGGFMAAF
QYVKENGGLDSEESYPYVAVDEICKYRPENSVANDTGFTTVAPGKEKALMKAVATVGPISVAMD
AGHSSFQFYKSGIYFEPDCSSKNLDHGVLVVGYGFEGANSNNSKYWLKNSWGPEWGSNGYVK
IAKDKNNHCGIATAASYPNV

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (75); Rat (76)

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 — CTSL2

Entrez GeneID [1515](#)

GeneBank Accession# [NM_001333](#)

Protein Accession# [NP_001324](#)

Gene Name CTSL2

Gene Alias CATL2, CTSU, CTSV, MGC125957

Gene Description cathepsin L2

Omim ID [603308](#)

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 play an important role in corneal physiology. This gene is expressed in colorectal and breast carcinomas but not in normal colon, mammary gland, or peritumoral tissues, suggesting a possible role for this gene in tumor processes. [provided by RefSeq]

Other Designations OTTHUMP00000021738|cathepsin L2, preproprotein|cathepsin U|cathepsin V

Pathway

- [Lysosome](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Myasthenia Gravis](#)