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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CTSK purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001513-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human CTSK protein.

Immunogen: CTSK (NP_000387.1, 1 a.a. ~ 329 a.a) full-length human protein.

Sequence:
 MWGLKVLVLLPVVSFALYPEEILDTHWELWKKTHRKQYNNK/DEISRRLIW
 EKNLKYISIHNLASLGVHTYELAMNHLGDMTSEEVVQKMTGLKVPLSHS
 RSNDTLYPEWEGRAPDSVDYRKKGYVTPVKNQGCGSCWAFSSVGAL
 EGQLKKKTGKLLNLSQNLVDCVSENDGCGGGYMTNAFQYVQKNRGID
 SEDAYPYVGQEESCMYNPTGKAAKCRGYREIPEGNEKALKRAVARVGP
 VSAIDASLTSFQFYSGVYYDESCNSDNLNHAVLAVGYGIQKGNKHWHIK
 NSWGENWGNKGYILMARNKNNACGIANLASFPKM

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

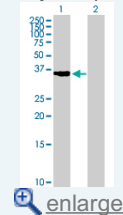
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

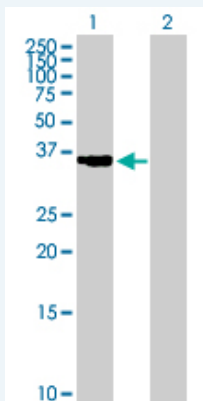
Application Image

Western Blot (Transfected lysate)



Applications

Western Blot (Transfected lysate)



Western Blot analysis of CTSK expression in transfected 293T cell line (H00001513-T01) by CTSK MaxPab polyclonal antibody.

Lane 1: CTSK transfected lysate(36.19 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Information

Entrez GeneID: [1513](#)

**GeneBank
Accession#:** [NM_000396.2](#)

**Protein
Accession#:** [NP_000387.1](#)

Gene Name: CTSK

Gene Alias: CTS02,CTSO,CTSO1,CTSO2,MGC23107,PKND,PYCD

**Gene
Description:** cathepsin K

Omim ID: [265800](#), [601105](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a lysosomal cysteine proteinase involved in bone remodeling and resorption. This protein, which is a member of the peptidase C1 protein family, is predominantly expressed in osteoclasts. However, the encoded protein is also expressed in a significant fraction of human breast cancers, where it could contribute to tumor invasiveness. Mutations in this gene are the cause of pycnodysostosis, an autosomal recessive disease characterized by osteosclerosis and short stature. This gene may be subject to RNA editing. [provided by RefSeq]

**Other
Designations:** OTTHUMP00000032938,cathepsin O1,cathepsin O2,cathepsin X

Gene Pathway

[Lysosome](#)

Related Disease

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