

Cleaved-Cathepsin Z (L62) Polyclonal Antibody

Catalog No: YC0046

Reactivity: Human; Monkey

Applications: WB;ELISA

Target: Cathepsin Z

Fields: >>Lysosome;>>Apoptosis

Gene Name: CTSZ

Protein Name: Cathepsin Z

Human Gene ld: 1522

Human Swiss Prot

Idiliali Swiss Fiot

No:

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

CATZ. AA range:43-92

Q9UBR2

Q9WUU7

Specificity: Cleaved-Cathepsin Z (L62) Polyclonal Antibody detects endogenous levels of

fragment of activated Cathepsin Z protein resulting from cleavage adjacent to

L62.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 27kD

Cell Pathway: Lysosome;

Background : The protein encoded by this gene is a lysosomal cysteine proteinase and

member of the peptidase C1 family. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. The encoded protein has also been known as cathepsin X and cathepsin P. This gene is expressed ubiquitously in cancer cell lines and primary tumors and, like other members of this family, may be involved

in tumorigenesis. [provided by RefSeq, Oct 2008],

Function: catalytic activity:Release of C-terminal amino acid residues with broad

specificity, but lacks action on C-terminal proline. Shows weak endopeptidase activity.,function:Exhibits carboxy-monopeptidase as well as carboxy-dipeptidase activity.,similarity:Belongs to the peptidase C1 family.,tissue specificity:Widely

expressed.,

Subcellular

Location:

Lysosome.

Expression : Widely expressed.

Tag: orthogonal

Sort: 4186

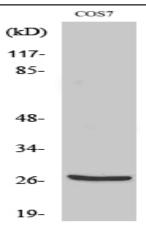
No4: 1

Host: Rabbit

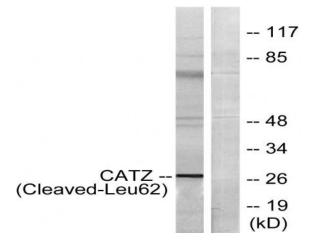
Modifications: Unmodified

Products Images

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Western Blot analysis of various cells using Cleaved-Cathepsin Z (L62) Polyclonal Antibody



Western blot analysis of lysates from COS7 cells, treated with etoposide 25uM 1h, using CATZ (Cleaved-Leu62) Antibody. The lane on the right is blocked with the synthesized peptide.