

Cathepsin L2 (L114) polyclonal antibody

Catalog: BS7023

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cathepsin V (CTSU, CTSV, CATL2, cathepsin U, cathepsin L2) is a lysosomal cysteine proteinase that influences corneal physiology, and mediates degradation of invariant chain in human thymus. Cathepsin V is present in corneal epithelium, activated macrophages, and colorectal and breast carcinomas. A 1.8-kb mRNA to Cathepsin V is present in normal human thymus and testis. Cathepsin V is a member of the peptidase C1 family. Cysteine proteinases are synthesized as proenzymes, which are processed to the corresponding proenzymes. The proenzymes are either targeted to the lysosome or continue along the cellular secretory route.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 37 kDa

Swiss-Prot:

O60911

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

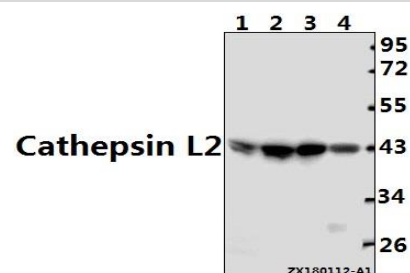
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Cathepsin L2 (L114) polyclonal antibody detects endogenous levels of Cathepsin L2 protein.

DATA:



Western blot (WB) analysis of Cathepsin L2 (L114) pAb at 1:1000 dilution

Lane1: The Testis tissue lysate of Mouse(40ug)

Lane2: The Testis tissue lysate of Rat(40ug)

Lane3: L02 whole cell lysate(20ug)

Lane4: A375 whole cell lysate(20ug)

Note:

For research use only, not for use in diagnostic procedure.

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