

Cathepsin D (LC) polyclonal antibody

Catalog: BS7057

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The cathepsin family of proteolytic enzymes contains several diverse classes of proteases. The cysteine protease class comprises cathepsins B, L, H, K, S, and O. The aspartyl protease class is composed of cathepsins D and E. Cathepsin G is in the serine protease class. Most cathepsins are lysosomal and each is involved in cellular metabolism, participating in various events such as peptide biosynthesis and protein degradation. Cathepsins may also cleave some protein precursors, thereby releasing regulatory peptides. The promoter region of the cathepsin D gene contains five Sp1 binding sites and four AP-2 binding sites.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 17 kDa

Swiss-Prot:

P07339

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

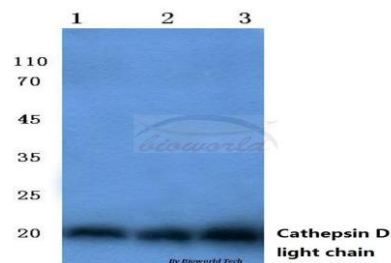
Storage&Stability:

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

Specificity:

Cathepsin D (LC) polyclonal antibody detects endogenous levels of Cathepsin D light chain (17 kDa) Protein.

DATA:



Western blot (WB) analysis of Cathepsin D (LC) polyclonal antibody at 1:500 dilution

Lane1:HepG2 cell lysate treated with colchicine

Lane2:Mouse heart tissue lysate

Lane3:Rat heart tissue lysate

Note:

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

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