

A Reliable Research Partner in Life Science and Medicine

Recombinant Cathepsin D Monoclonal Antibody

catalog number: AN301018L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Cathepsin D protein

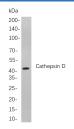
HostRabbitIsotypeIgG,κCloneB769PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:200-1:1000 **WB** 1:1000-1:5000

Data



Western Blot with Recombinant Cathepsin D Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: A431 cells.

Immunohistochemistry of paraffin-embedded human liver

Immunohistochemistry of paraffin-embedded human liver tissue using Recombinant Cathepsin D Monoclonal Antibody at dilution of 1:200.

Observed-MW:44 kDa Calculated-MW:44 kDa

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

Preparation & Storage

This gene encodes a member of the A1 family of peptidases. The encoded preproprotein is proteolytically processed to generate multiple protein products. These products include the cathepsin D light and heavy chains, which heterodimerize to form the mature enzyme. This enzyme exhibits pepsin-like activity and plays a role in protein turnover and in the proteolytic activation of hormones and growth factors. Mutations in this gene play a causal role in neuronal ceroid lipofuscinosis-10 and may be involved in the pathogenesis of several other diseases, including breast cancer and possibly Alzheimer's disease.

For Research Use Only

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