

Cleaved-Cathepsin D HC (L169) Polyclonal Antibody

Catalog # AP63112

Product Information

ApplicationWBPrimary AccessionP07339ReactivityHumanHostRabbitClonalityPolyclonalCalculated MW44552

Additional Information

Gene ID 1509

Other Names CTSD; CPSD; Cathepsin D

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name CTSD

Synonyms CPSD

Function Acid protease active in intracellular protein breakdown. Plays a role in APP

processing following cleavage and activation by ADAM30 which leads to APP degradation (PubMed: 27333034). Involved in the pathogenesis of several

diseases such as breast cancer and possibly Alzheimer disease.

Cellular Location Lysosome. Melanosome. Secreted, extracellular space. Note=Identified by

mass spectrometry in melanosome fractions from stage I to stage IV. In aortic samples, detected as an extracellular protein loosely bound to the matrix

(PubMed:20551380)

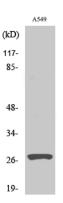
Tissue Location Expressed in the aorta extracellular space (at protein level)

(PubMed:20551380). Expressed in liver (at protein level) (PubMed:1426530).

Background

Acid protease active in intracellular protein breakdown. Plays a role in APP processing following cleavage and activation by ADAM30 which leads to APP degradation (PubMed: 27333034). Involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease.

Images



Western Blot analysis of various cells using Cleaved-Cathepsin D HC (L169) Polyclonal Antibody

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