

Product Datasheet

Cathepsin D Antibody

Catalog No: CY5339

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC ICC IP FC



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Information

UniProt ID: P07339

All Names: CATD; Cathepsin D; Cathepsin D heavy chain; Cathepsin D light chain; ceroid-lipofuscinosis, neuronal 10; CLN10; CPSD; CTSD; lysosomal aspartyl peptidase; lysosomal aspartyl protease; MGC2311;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 46,28 kDa

Application

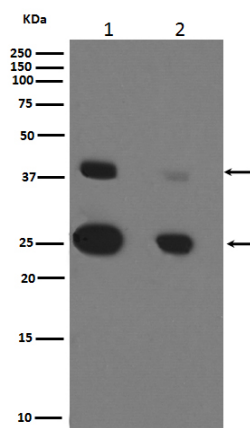
WB: 1:500~1:2000

IHC: 1:50~1:200

IP: 1:50

Background

This gene encodes a lysosomal aspartyl protease composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. This proteinase, which is a member of the peptidase C1 family, has a specificity similar to but narrower than that of pepsin A. Transcription of this gene is initiated from several sites, including one which is a start site for an estrogen-regulated transcript. Mutations in this gene are involved in the pathogenesis of several diseases, including breast cancer and possibly Alzheimer disease.



Western blot analysis of Cathepsin D expression in (1)MCF-7 cell lysate;(2)SKBR-3 cell lysate.

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