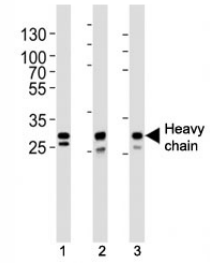
Cathepsin D Antibody / CTSD (F52754)

Catalog No.	Formulation	Size
F52754-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52754-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P07339
Applications	Western Blot : 1:1000
Limitations	This Cathepsin D antibody is available for research use only.



Western blot analysis of lysate from (1) A431, (2) MCF-7, (3) SK-BR-3 cell line using Cathepsin D antibody at 1:1000. Expected molecular weight: 43-46 kDa, 28 kDa (heavy chain), 15 kDa (light chain).

Description

Cathepsin D is an acid protease active in intracellular protein breakdown. Involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease. [UniProt]

This antibody can be compared with our Cathepsin D Antibody / CTSD Antibody (clone CTSD/3276) as a central reference for consistent CTSD detection across multiple assay formats.

Application Notes

Titration of the Cathepsin D antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This Cathepsin D antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 241-273 amino acids from the heavy chain region of human CTSD.

Storage

Aliquot the Cathepsin D antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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