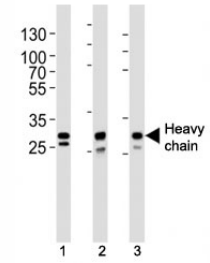
# Cathepsin D Antibody / CTSD (F52754)

| 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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