

Cathepsin V Polyclonal Antibody

CATALOG #:	3712-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 21 of human Cathepsin V (ID# BV-440)
SPECIES REACTIVITY:	human, mouse, rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal cathepsin V antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

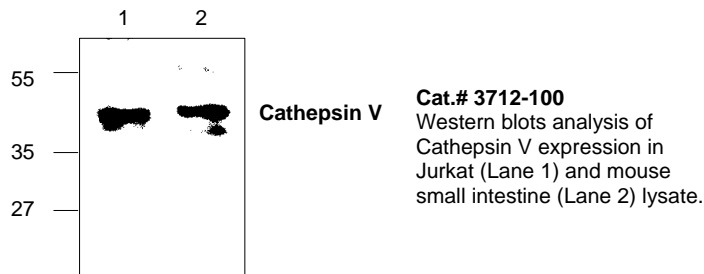
Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

BACKGROUND:

Cathepsin V, also known as Cathepsin L2 and Cathepsin U, is a cysteine protease of the papain family. It is expressed as a proenzyme in lysosomes, which can be autocatalytically converted to the mature form at pH 4.0. Cathepsin V is specifically expressed in the thymus, testis, and corneal epithelium.

APPLICATIONS AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Jurkat cell lysate and mouse small intestine tissue lysate can be used as positive controls. Blocking peptide (Cat.# 3712BP-50) is available separately.



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- Nuclear Apoptosis Kits & Reagents
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Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
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- Mammalian Cell Extraction Kit
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