

Cathepsin S Polyclonal Antibody

CATALOG #: 3366R-100**AMOUNT:** 100 µg**LOT #:** _____**HOST:** Rabbit**IMMUNOGEN:** Synthetic peptide surrounding to amino acid 323 of human Cathepsin S (ID# BV-263)**SPECIES REACTIVITY:** human**FORMULATION:**

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

BACKGROUND:

Cathepsin family of proteases contains several diverse classes of enzymes. The cysteine protease class comprises cathepsin B, H, K, L, O, and S. The aspartyl protease class contains cathepsin D and E. Cathepsin G belongs to the serine protease class. Cathepsins are involved in various cellular events such as peptide biosynthesis, protein degradation, and apoptosis. Cathepsin S has been shown to be present in aveloar macrophages.

SPECIFICITY:

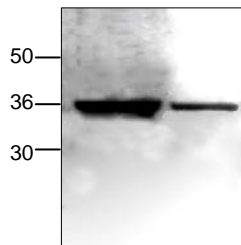
Detects 37 kDa human cathepsin S. Cross-reactivity to other species has not been determined.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide is available separately (3366RBP-50).

STORAGE CONDITIONS:

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

WARRANTY: Warranty information can be found in www.biovision.com**Cathepsin S****Cat.# 3366R-100**

Western blots analysis of Cathepsin S expression with Jurkat cell Lysates.

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- Caspase Assay Kits & Reagents
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- Nuclear Apoptosis Kits & Reagents
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Cell Fractionation System

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- Cytosol/Particulate Rapid Separation Kit
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