

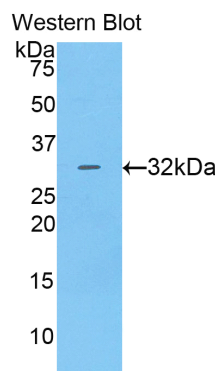
A92970Hu01
Polyclonal Antibody to Cathepsin V (CTSV)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

6th Edition (Revised in March, 2013)

[PRODUCT INFORMATION]

Immunogen: CTSV, Human
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F
Concentration: 200µg/mL
UOM: 100µg



Sample: Recombinant CTSV, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant CTSV (Gly64~Val334) expressed in *E. coli*.
USCN Accession No.: P92970Hu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSGS-GEYSQGK HGFTMAMNAF GDMTNEEFRQ MMGCFRNQKF
 RKGKVFREPL FLDLPKSVDW RKKGYVTPVK NQKQCGSCWA FSATGALEGQ
 MFRKTGKLV S LSEQNLVDCS RPQGNQGCNG GFMARAFQYV KENGGLDSEE
 SYPYVAVDEI CKYRPENSVA NDTGFTTVAP GKEKALMKAV ATVGPI SVAM DAGHSSFQFY
 KSGIYFEPDC SSKNLDHGV L VVG YGFEGAN SNNSKYWL VK NSWGPEWGSN
 GYVKIAKDKN NHCGIATAAS YPNV

Unique product **Superb quality** **Client favorite** **Nicest service**  **ISO9001:2008**;  **ISO13485:2003**; 

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[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against CTSV. It has been selected for its ability to recognize CTSV in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant CTSV (Gly64~Val334) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

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