# Rabbit anti-Human, Rat Cathepsin G (CTSG) Polyclonal Antibody | anti-CTSG antibody

Polyclonal Antibody to Cathepsin G (CTSG)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA131022** | **Rabbit** | **Human, Rat** | **Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry** |

## PRODUCT SYNONYMS

Cathepsin G (CTSG); Polyclonal Antibody; Polyclonal Antibody to Cathepsin G (CTSG); anti-CTSG antibody

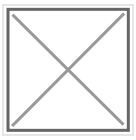
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Rat |
| **Clonality** | Polyclonal |
| **Specificity** | The antibody is a rabbit polyclonal antibody raised against CTSG. It has been selected for its ability to recognize CTSG in immunohistochemical staining andwestern blotting. |
| **Purity/Purification** | Affinity Chromatography |
| **Form/Format** | Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol. |
| **Concentration** | 500ug/mL (varies by lot) |
| **Sequence** | Ant igen:Thetarge tproteinis fusedwithN -terminalH is-Tagandi tssequence islistedbe low.<br>MG HHHHHHSGSE F-GFLVREDF VLTAGHCFGS SINVTLGAHN IRRQEGTQQH ITVLRAIRHP DYNPPPVIQN DIMLLQLRSR ARRSRAVKPV ALPQATKRVQ PGALCTVAGW GLVSQRRGTN VLQEVKLRVQ TDQTCANRFQ FYNSQTQICV GNPRERKSAF KGDSGGPLVC NNVAQGIVSY GSSSGNPPAV FTRIQSFMPW IKRTMRRLSS RY |
| **Sequence Length** | 255 |
| **Applicable Applications for anti-CTSG antibody** | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry) |
| **Immunogen** | Recombinant CTSG (Gly51~Tyr250) expressed in E.coli. |
| **Cross Reactivity** | Human, Rat |
| **Conjugated Antibody** | The APC conjugated antibody version of this item is also available as |
| **Preparation and Storage** | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

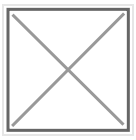
## IMAGES

**IHC (Immunohistochemistry)**
DAB staining on IHC-P; Samples: Rat Spinal cord Tissue

**IHC (Immunohistochemisry)**
DAB staining on IHC-P; Samples: Rat Spinal Cord Tissue



**WB (Western Blot)**
Western Blot: Sample: Recombinant CTSG, Rat.



**WB (Western Blot)**
Western Blot: Sample: Lane1: Rat Serum; Lane2: Rat Heart Tissue; Lane3: Human MCF7 Cells.

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 157823123 |
| **NCBI GeneID** | 290257 |
| **NCBI Accession #** | NP_001099511.1 |
| **NCBI GenBank Nucleotide #** | NM_001106041.1 |
| **UniProt Accession #** | G3V9Q7; P17977 |
| **Molecular Weight** | 27,804 Da |
| **NCBI Official Full Name** | cathepsin G |
| **NCBI Official Synonym Full Names** | cathepsin G |
| **NCBI Official Symbol** | Ctsg |
| **NCBI Protein Information** | cathepsin G |
| **UniProt Protein Name** | Cathepsin G |
| **UniProt Gene Name** | **Ctsg** |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/cathepsin-g-ctsg-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131022