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Datasheet for ABIN6747591

## anti-Cathepsin G antibody (AA 178-227)

### 1 Image

#### Overview

|                      |                                            |
|----------------------|--------------------------------------------|
| Quantity:            | 100 µL                                     |
| Target:              | Cathepsin G (CTSG)                         |
| Binding Specificity: | AA 178-227                                 |
| Reactivity:          | Human, Rat, Guinea Pig                     |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This Cathepsin G antibody is un-conjugated |
| Application:         | Western Blotting (WB)                      |

#### Product Details

|                       |                                                                                                                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | Synthetic peptide located between aa178-227 of human CTSG (P08311, NP_001902). Percent identity by BLAST analysis: Human (100%), Gorilla (92%), Gibbon, Monkey (85%), Rat (78%).<br>Type of Immunogen: Synthetic peptide |
| Specificity:          | Human CTSG / Cathepsin G                                                                                                                                                                                                 |
| Predicted Reactivity: | Percent identity by BLAST analysis:                                                                                                                                                                                      |
| Purification:         | Immunoaffinity purified                                                                                                                                                                                                  |

#### Target Details

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Target:           | Cathepsin G (CTSG)                                   |
| Alternative Name: | CTSG / Cathepsin G ( <a href="#">CTSG Products</a> ) |

## Target Details

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|                 |                                                                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:     | Name/Gene ID: CTSG<br>Subfamily: Serine S1<br>Family: Protease<br><br>Synonyms: CTSG, CATG, Cathepsin G, CG                                                     |
| Gene ID:        | 1511                                                                                                                                                            |
| NCBI Accession: | <a href="#">NP_001902</a>                                                                                                                                       |
| UniProt:        | <a href="#">P08311</a>                                                                                                                                          |
| Pathways:       | <a href="#">ACE Inhibitor Pathway</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> |

## Application Details

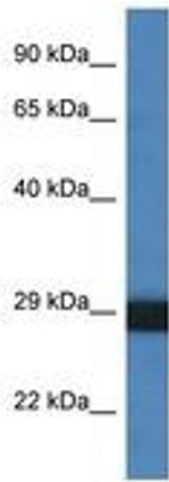
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|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Human                                  |
| Restrictions:      | For Research Use only                                              |

## Handling

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|                  |                                                                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                                             |
| Reconstitution:  | Distilled water                                                                                                                                                                         |
| Concentration:   | Lot specific                                                                                                                                                                            |
| Buffer:          | Lyophilized from PBS with 2 % sucrose                                                                                                                                                   |
| Handling Advice: | Avoid repeat freeze-thaw cycles.                                                                                                                                                        |
| Storage:         | 4 °C,-20 °C                                                                                                                                                                             |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)<br>Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |



**Image 1.**