

Datasheet for ABIN514785

## anti-Cathepsin K antibody (AA 1-329)



[Go to Product page](#)

### 1 Image

#### Overview

|                      |                                            |
|----------------------|--------------------------------------------|
| Quantity:            | 100 µg                                     |
| Target:              | Cathepsin K (CTSK)                         |
| Binding Specificity: | AA 1-329                                   |
| Reactivity:          | Human                                      |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This Cathepsin K antibody is un-conjugated |
| Application:         | Western Blotting (WB)                      |

#### Product Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Rabbit polyclonal antibody raised against a full-length human CTSK protein.                                                                                                                                                                                                                                                                                                                                          |
| Immunogen:        | CTSK (NP_000387.1, 1 a.a. ~ 329 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                      |
| Sequence:         | <p>MWGLKVL LLP VVSFALYPEE ILDTHWELWK KTHRKQYNNK VDEISRRLIW EKNLKYISIH</p> <p>NLEASLGVHT YELAMNHLGD MTSEEVVQKM TGLKVPLSHS RSNDTLYIPE WEGRAPDSVD</p> <p>YRKKGYVTPV KNQGQCGSCW AFSSVGALEG QLKKKTGKLL NLSPQNLVDC VSENDGCGGG</p> <p>YMTNAFQYVQ KNRGIDSEDA YPYVGQEESC MYNPTGKAAK CRGYREIPEG NEKALKRAVA</p> <p>RVGPVSVAID ASLTSFQFYS KGVVYDESCN SDNLNHAVLA VGYGIQKGNK HWIKNWSWGE</p> <p>NWGNKGYILM ARNKNNACGI ANLASFPKM</p> |
| Cross-Reactivity: | Human                                                                                                                                                                                                                                                                                                                                                                                                                |
| Characteristics:  | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                              |

## Target Details

|                   |                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------|
| Target:           | Cathepsin K (CTSK)                                                                                  |
| Alternative Name: | CTSK ( <a href="#">CTSK Products</a> )                                                              |
| Background:       | Full Gene Name: cathepsin K<br>Synonyms: CTS02,CTS0,CTS01,CTS02,MGC23107,PKND,PYCD                  |
| Gene ID:          | 1513                                                                                                |
| NCBI Accession:   | <a href="#">NM_000396</a>                                                                           |
| Pathways:         | <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a> |

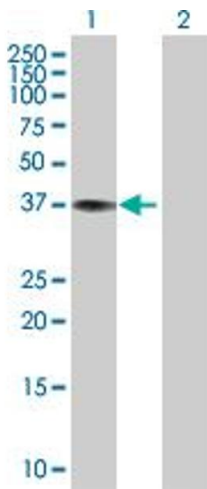
## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                          |
|------------------|--------------------------------------------------------------------------|
| Buffer:          | In 1x PBS, pH 7.4                                                        |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.                          |
| Storage:         | -20 °C                                                                   |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Images



### Western Blotting

**Image 1.** Western Blot analysis of CTSK expression in transfected 293T cell line by CTSK MaxPab polyclonal antibody.

Lane 1: CTSK transfected lysate(37.00 kDa).

Lane 2: Non-transfected lysate.