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## Datasheet for ABIN571108 anti-CST8 antibody (AA 100-112)

Image



## Overview

| Quantity:            | 100 µg                              |
|----------------------|-------------------------------------|
| Target:              | CST8                                |
| Binding Specificity: | AA 100-112                          |
| Reactivity:          | Human                               |
| Host:                | Goat                                |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This CST8 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA        |

## Product Details

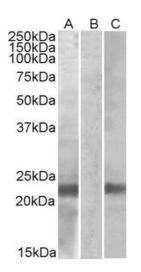
| Purpose:          | Cystatin 8 (aa 100-112)   |
|-------------------|---|
| Immunogen:        | STNEICAIQENSK   |
| Sequence:         | STNEICAIQE NSK  |
| Isotype:          | lgG   |
| Cross-Reactivity: | Human   |
| Purification:     | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade:            | Verified  |

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| Target Details      |   |
|---------------------|---|
| Target:             | CST8  |
| Alternative Name:   | CST8 (CST8 Products)  |
| Background:         | CST8, cystatin 8 (cystatin-related epididymal specific), CRES, cystatin 8, cystatin-related epididymal spermatogenic protein, cystatin-related epididymal-specific  |
| Gene ID:            | 10047   |
| NCBI Accession:     | NP_005483   |
| Application Details |   |
| Application Notes:  | Western Blot: In transfected HEK293 transiently expressing Human CST8 (MYC and<br>DYKDDDDK tagged), a band of approx. 23 kDa is observed. No bands are observed in mock-<br>transfected HEK293 and the same band is observed using anti-myc tag antibody.<br>Recommended<br>Peptide ELISA: antibody detection limit dilution 1:16000. |
| Comment:            | Purchase the +ve control! The transfected lysate used in QC is available for sale. Please email sales@everestiotech.com to request datasheet, pricing and delivery information.   |
| Restrictions:       | For Research Use only   |
|                     |   |

| Format:            | Liquid   |
|--------------------|--|
| Concentration:     | 0.5 mg/mL  |
| Buffer:            | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                         |
| Handling Advice:   | Minimize freezing and thawing.   |
| Storage:           | -20 °C   |
| Storage Comment:   | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |

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## Western Blotting

**Image 1.** HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human CST8 (RC210130) with C-terminal MYC tag probed with ABIN571108 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with ABIN571108 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

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