

## Rabbit anti-Human CENP-T Polyclonal Antibody | anti-CENP-T antibody

Rabbit anti-CENP-T Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                      |
|-----------|--------|------------|-----------------------------------|
| AAA211841 | Rabbit | Human      | Immunoprecipitation, Western Blot |

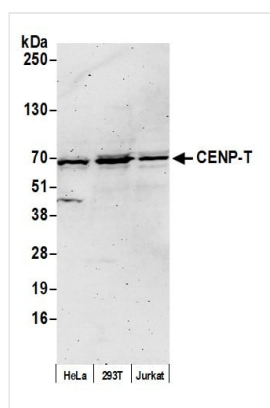
### PRODUCT SYNONYMS

CENP-T; Polyclonal Antibody; Rabbit anti-CENP-T Antibody; Affinity Purified; centromere protein T; C16orf56; interphase centromere complex protein 22; Centromere protein T; anti-CENP-T antibody

### PRODUCT SPECIFICATIONS

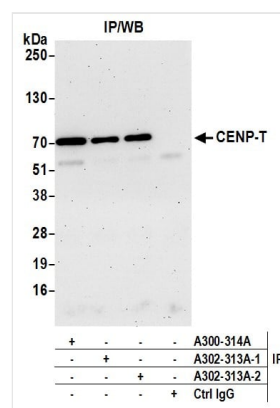
|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human                                                                                     |
| Clonality                                        | Polyclonal                                                                                |
| Purity/Purification                              | Antigen Affinity Purified                                                                 |
| Form/Format                                      | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                    | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-CENP-T antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Immunogen                                        | Between 511 and C-terminus                                                                |
| Conjugation                                      | Unconjugated                                                                              |
| Preparation and Storage                          | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human CENP-T by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CENP-T antibody AAA211841 (lot AAA211841-2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



#### IP (Immunoprecipitation)

Detection of human CENP-T by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CENP-T antibody AAA211841 (lot AAA211841-2) used for IP at 6 ug per reaction. CENP-T was also immunoprecipitated by a previous lot of this antibody (lot AAA211841-1) and rabbit anti-CENP-T antibody A300-314A. For blotting immunoprecipitated CENP-T, AAA211841 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CENP-T antibody | Centromere protein T (CENP-T) is a component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. CENP-T is one of the basic inner kinetochore proteins with most further proteins binding downstream, suggesting a fundamental role of CENP-T in kinetochore function [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q96BT3">www.uniprot.org/uniprot/Q96BT3</a> ]. |
| Product Categories/Family for anti-CENP-T antibody   | <a href="#">Primary Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 126722969                                                                                                                  |
| NCBI GeneID                      | 80152                                                                                                                      |
| NCBI Accession #                 | <a href="#">NP_079358.3</a>                                                                                                |
| NCBI GenBank Nucleotide #        | <a href="#">NM_025082.3</a>                                                                                                |
| UniProt Accession #              | <a href="#">Q96BT3</a> ; <a href="#">Q96I29</a> ; <a href="#">Q96IC6</a> ; <a href="#">Q96NK9</a> ; <a href="#">Q9H901</a> |
| Molecular Weight                 | 60,423 Da                                                                                                                  |
| NCBI Official Full Name          | centromere protein T                                                                                                       |
| NCBI Official Synonym Full Names | centromere protein T                                                                                                       |
| NCBI Official Symbol             | CENPT                                                                                                                      |
| NCBI Official Synonym Symbols    | CENP-T; C16orf56                                                                                                           |
| NCBI Protein Information         | centromere protein T; interphase centromere complex protein 22                                                             |
| UniProt Protein Name             | Centromere protein T                                                                                                       |
| UniProt Gene Name                | <b>CENPT</b>                                                                                                               |
| UniProt Synonym Gene Names       | C16orf56; ICEN22; CENP-T                                                                                                   |
| UniProt Entry Name               | CENPT_HUMAN                                                                                                                |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cenp-t-antibody-immunoprecipitation-western-blot-elisa/211841>