

## Product datasheet for **TA344859**

### CENPN Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, IF
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CENPN antibody: synthetic peptide directed towards the middle region of human CENPN. Synthetic peptide located within the following region: SFKKILQRALKNVTVSFRETEENAVWIRIAWGTQYTKPNQYKPTYVVVYS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	centromere protein N
Database Link:	<a href="#">NP_001094095</a> <a href="#">Entrez Gene 55839 Human Q96H22</a>
Background:	The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. All active centromeres are characterized by the presence of long arrays of nucleosomes in which CENPA (MIM 117139) replaces histone H3 (see MIM 601128). CENPN is an additional factor required for centromere assembly (Foltz et al., 2006 [PubMed 16622419]).
Synonyms:	BM039; C16orf60; CENP-N; ICEN32

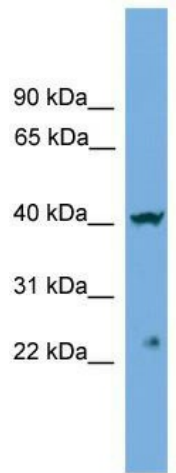


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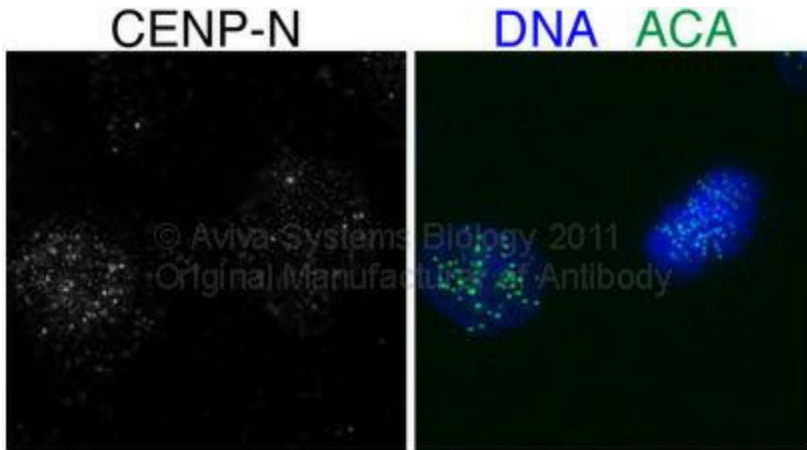
**Note:** Immunogen Sequence Homology: Human: 100%; Rabbit: 100%; Dog: 86%; Pig: 86%; Bovine: 86%; Guinea pig: 86%; Rat: 79%; Mouse: 79%

**Protein Families:** Druggable Genome

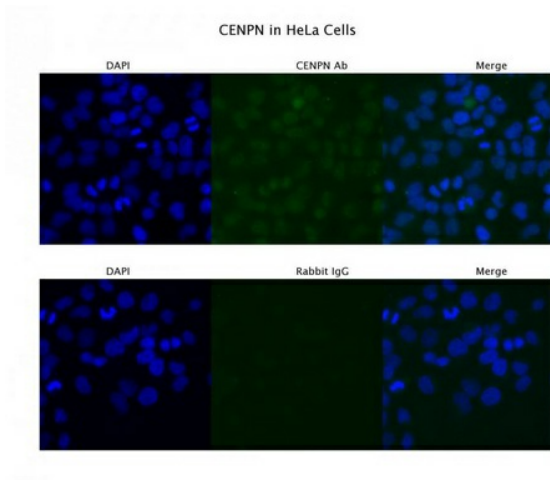
**Product images:**



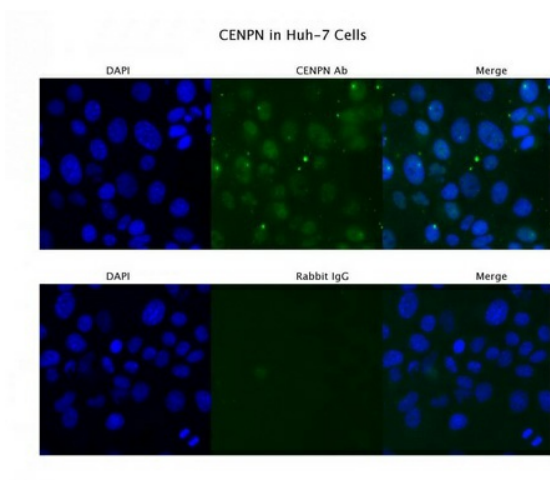
WB Suggested Anti-CENPN Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate  
CENPN is supported by BioGPS gene expression data to be expressed in Jurkat



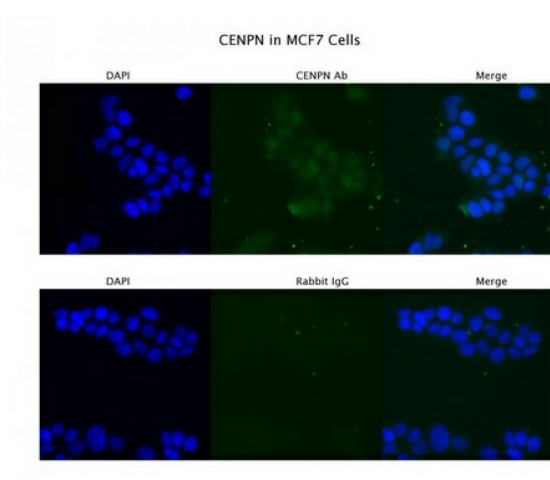
Sample Type : DNA/ACA;



Sample Type : HeLa; Primary Antibody Dilution: 4 ug/ml; Secondary Antibody : Anti-rabbit Alexa 546; Secondary Antibody Dilution: 2 ug/ml; Gene Name : CENPN



Sample Type : Huh-7; Primary Antibody Dilution: 4 ug/ml; Secondary Antibody : Anti-rabbit Alexa 546; Secondary Antibody Dilution: 2 ug/ml; Gene Name : CENPN



Sample Type : MCF7; Primary Antibody Dilution: 4 ug/ml; Secondary Antibody : Anti-rabbit Alexa 546; Secondary Antibody Dilution: 2 ug/ml; Gene Name : CENPN