

Datasheet for ABIN2787136  
**anti-CENPN antibody (Middle Region)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	CENPN
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPN antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CENPN
Sequence:	SFKKILQRAL KNVTVSFRET EENAVWIRIA WGTQYTKPNQ YKPTYVVVYYS
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Human: 100%, Mouse: 79%, Rabbit: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against CENPN. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	CENPN
Alternative Name:	CENPN ( <a href="#">CENPN Products</a> )
Background:	The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts

## Target Details

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]).

Alias Symbols: BM039, C16orf60, CENP-N, FLJ13607, FLJ22660

Protein Interaction Partner: UBC, CENPP, CENPL, CENPU, CENPO, CENPM, CENPH, CENPK, CENPN, CENPQ, CENPI, CENPA,

Protein Size: 353

Molecular Weight: 41 kDa

Gene ID: 55839

NCBI Accession: [NM\\_001100625](#), [NP\\_001094095](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 353 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

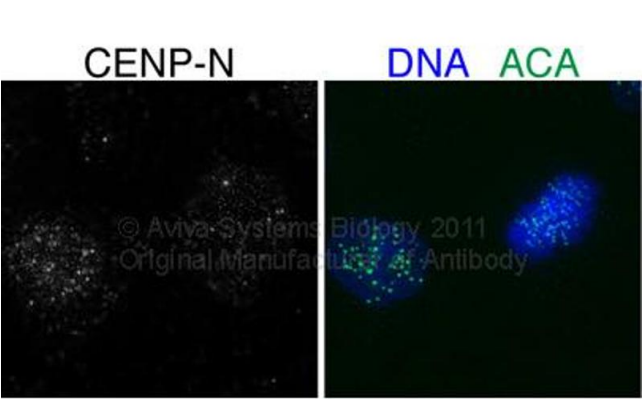
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Application data in forum



Image 1.

Western Blotting

**Image 2.** WB Suggested Anti-CENPN

Antibody Titration: 0.2-1 µg/mL

Positive Control: Jurkat cell lysate

CENPN is supported by BioGPS gene expression data to be expressed in Jurkat

Western Blotting

**Image 3. WB Suggested Anti-CENPN Antibody Titration:**

0.2-1 ug/ml

**Positive Control:** Jurkat cell lysate