

# Anti-CENP-W antibody - N-terminal ab189957

## 2 图像

### 概述

产品名称	Anti-CENP-W抗体- N-terminal
描述	兔多克隆抗体to CENP-W - N-terminal
宿主	Rabbit
特异性	At least three isoforms of CENP-W are known to exist; ab189957 will detect all three isoforms.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human CENP-W (N terminal). The peptide corresponds to 16 amino acids. Database link: <a href="#">Q5EE01</a>
阳性对照	Human spleen tissue. HeLa cell lysate.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.4 Preservative: 0.02% Sodium azide Constituent: 99% PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab189957于以下的经测试应用

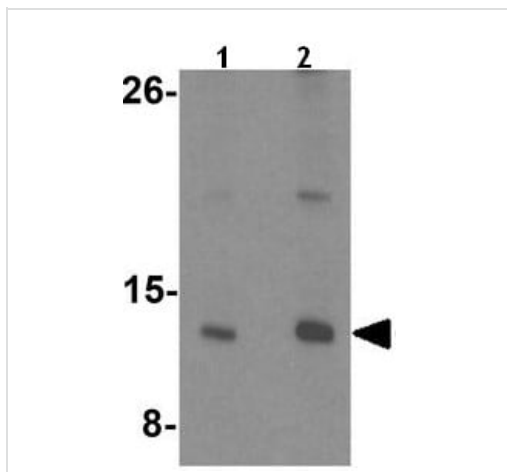
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 10 kDa.
IHC-P		Use a concentration of 5 µg/ml.

靶标

功能	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 (By similarity). The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres (By similarity). Part of a nucleosome-associated complex that binds specifically to histone H3-containing nucleosomes at the centromere, as opposed to nucleosomes containing CENPA. Component of the heterotetrameric CENP-T-W-S-X complex that binds and supercoils DNA, and plays an important role in kinetochore assembly. CENPW has a fundamental role in kinetochore assembly and function. It is one of the inner kinetochore proteins, with most further proteins binding downstream. Required for normal chromosome organization and normal progress through mitosis.
组织特异性	Highly expressed in ovary, liver, lung and pancreas and to a lower extent in breast and gastrointestinal tract cancers; such as those of the colon, rectum and stomach. Overexpressed in high grade breast invasive tumors. Expressed in many cancer cell types.
序列相似性	Belongs to the CENPW family.
细胞定位	Nucleus. Chromosome > centromere. Chromosome > centromere > kinetochore. Nucleus matrix. Nucleus > nucleolus. Constitutively localizes to centromeres throughout the cell cycle, and to the inner kinetochore during mitosis.

图片



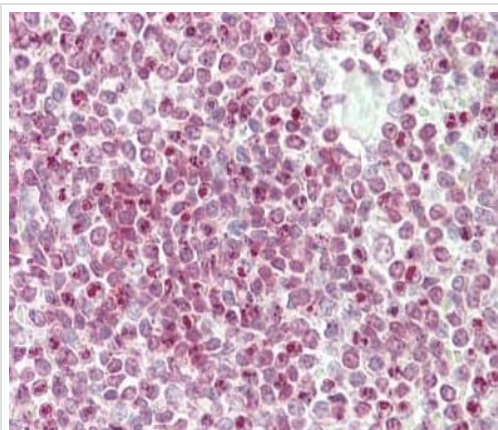
Western blot - Anti-CENP-W antibody - N-terminal (ab189957)

**Lane 1 :** Anti-CENP-W antibody - N-terminal (ab189957) at 0.5 µg/ml

**Lane 2 :** Anti-CENP-W antibody - N-terminal (ab189957) at 1 µg/ml

**All lanes :** HeLa cell lysate

**Predicted band size:** 10 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CENP-W antibody - N-terminal (ab189957)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human spleen sections labeling CENP-W with ab189957 at 5 µg/ml.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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