



Anti-WEE2 antibody ab121943

★★★★★ [1 Abreviews](#) [1 References](#) [5 图像](#)

概述

产品名称	Anti-WEE2抗体
描述	兔多克隆抗体to WEE2
宿主	Rabbit
经测试应用	适用于: ICC, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment within Human WEE2 aa 300-400. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: P0C1S8
	 Run BLAST with  Run BLAST with
阳性对照	IHC-P: Human skin, testis, kidney, and endometrium tissues. ICC: U-2 OS cells.
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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
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ab121943于以下的经测试应用

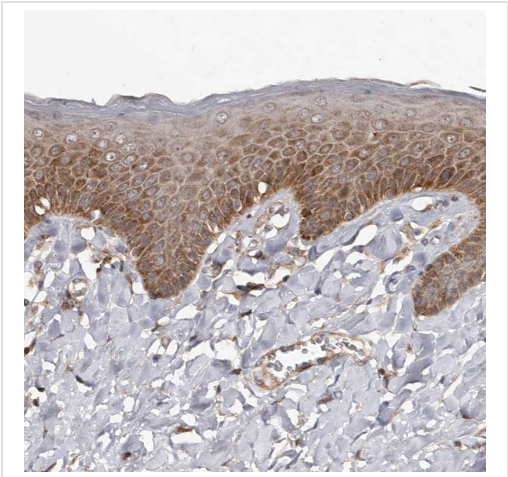
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

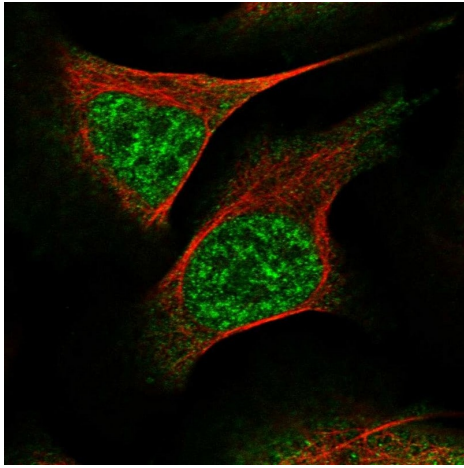
功能	Oocyte-specific protein tyrosine kinase that phosphorylates and inhibits CDK1 and acts as a key regulator of meiosis during both prophase I and metaphase II. Required to maintain meiotic arrest in oocytes during the germinal vesicle (GV) stage, a long period of quiescence at dictyate prophase I, by phosphorylating CDK1 at 'Tyr-15', leading to inhibit CDK1 activity and prevent meiotic reentry. Also required for metaphase II exit during egg activation by phosphorylating CDK1 at 'Tyr-15', to ensure exit from meiosis in oocytes and promote pronuclear formation.
组织特异性	Expressed in testis.
序列相似性	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. WEE1 subfamily. Contains 1 protein kinase domain.
翻译后修饰	Phosphorylation leads to increase its activity.
细胞定位	Nucleus.

图片



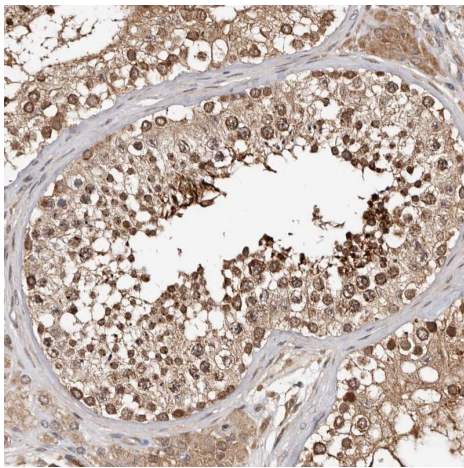
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human skin tissue labeling WEE2 with ab121943 at 1/500 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-WEE2 antibody (ab121943)



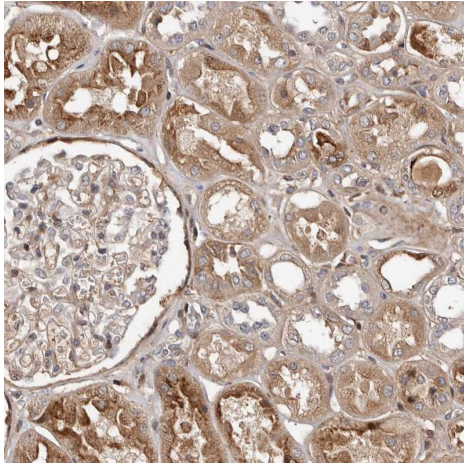
Immunocytochemistry - Anti-WEE2 antibody
(ab121943)

Immunocytochemistry analysis of U-2 OS (human bone osteosarcoma epithelial cell line) cells labelling WEE2 with ab121943 at 2 µg/mL.



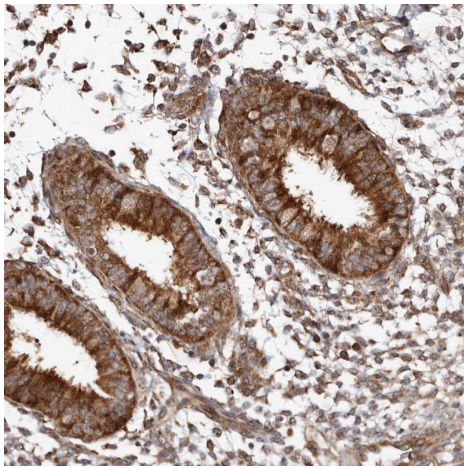
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-WEE2 antibody
(ab121943)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testis tissue labeling WEE2 with ab121943 at 1/500 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-WEE2 antibody (ab121943)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue labeling WEE2 with ab121943 at 1/500 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-WEE2 antibody (ab121943)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human endometrium tissue labeling WEE2 with ab121943 at 1/500 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.

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