


Anti-Anillin antibody ab99352

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概述	
产品名称	Anti-Anillin抗体
描述	兔多克隆抗体to Anillin
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Human 预测可用于: Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide, corresponding to a region within N terminal amino acids 1-50 of Human Anillin (NP_061155.2)
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 freeze / thaw cycles.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: Tris buffered saline, 0.1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
应用	

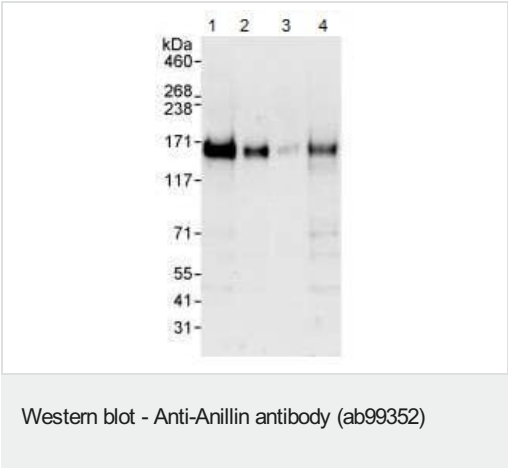
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/2000 - 1/10000. Predicted molecular weight: 124 kDa.
IP		Use a concentration of 2 - 5 µg/ml.

靶标

功能	Required for cytokinesis. Essential for the structural integrity of the cleavage furrow and for completion of cleavage furrow ingression.
组织特异性	Ubiquitously expressed. Present at highest levels in the brain, at high levels in the placenta and testis, at intermediate levels in the intestine, ovary, skeletal muscle and thymus and at lower levels in heart, kidney, liver, lung, pancreas, prostate and spleen. Overexpressed in many tumor types including breast, colorectal, endometrial, hepatic, kidney, lung, ovarian and pancreatic tumors.
序列相似性	Contains 1 PH domain.
发展阶段	Expressed in fetal brain, heart, kidney, liver, lung, skeletal muscle, spleen and thymus. In dividing cells expression increases during S and G2 phases, peaks at mitosis and subsequently drops as cells enter G1 phase.
翻译后修饰	Phosphorylated during mitosis. Ubiquitinated, and this requires FZR1/CDH1.
细胞定位	Nucleus. Cytoplasm > cytoskeleton. Cytoplasm > cell cortex. Mainly found in the nucleus during interphase. Colocalizes with cortical F-actin upon nuclear envelope breakdown in mitosis and subsequently concentrates in the area of the prospective contractile ring in anaphase. This pattern persists until telophase, when the protein becomes concentrated in the midbody.

图片



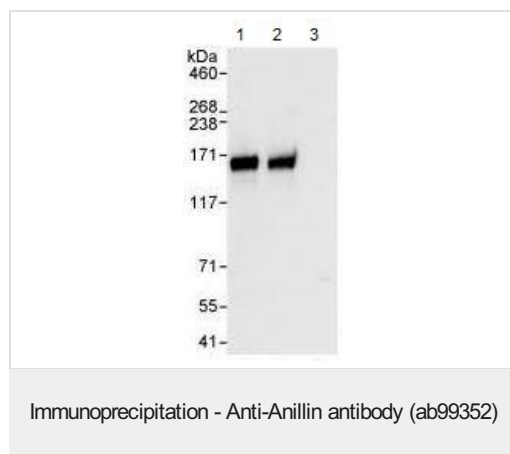
All lanes : Anti-Anillin antibody (ab99352) at 0.04 µg/ml

- Lane 1 :** HeLa whole cell lysate at 50 µg
- Lane 2 :** HeLa whole cell lysate at 15 µg
- Lane 3 :** HeLa whole cell lysate at 5 µg
- Lane 4 :** 293T cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 124 kDa

Exposure time: 30 seconds



Detection of Human Anillin by Western Blot and Immunoprecipitation. Samples: Whole cell lysate from HeLa (1 mg for IP, 20% of IP loaded). ab99352 used for WB at 1 µg/ml and used for IP at 3 µg/mg lysate (lane 1). Anillin was also immunoprecipitated by another rabbit anti-Anillin antibody (lane 2) and control IgG (lane 3). Detection Chemiluminescence with exposure times of 3 seconds

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