

### Anti-AKR1C3 antibody ab84327

**16 References**   **3 图像**

#### 概述

产品名称	Anti-AKR1C3抗体
描述	兔多克隆抗体to AKR1C3
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Cow, Human
免疫原	A 15 amino acid peptide corresponding to the C terminal residues of human AKR1C3 (P42330).
阳性对照	Human fetal liver lysates; human lung tissue; HeLa 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&amp;As</p>

#### 性能

形式	Lyophilized:Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
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	Preservative: 0.02% Sodium azide Constituent: 2% BSA
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ab84327于以下的经测试应用

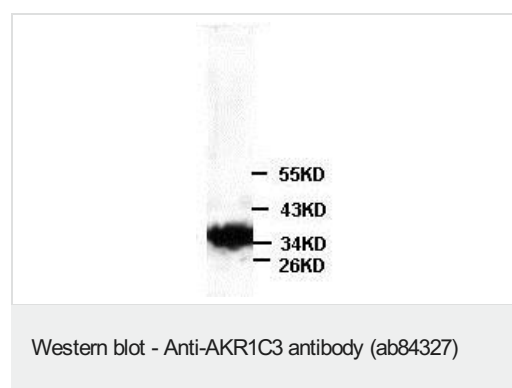
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 36 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		1/50 - 1/200.

## 靶标

功能	Catalyzes the conversion of aldehydes and ketones to alcohols. Catalyzes the reduction of prostaglandin (PG) D2, PGH2 and phenanthrenequinone (PQ) and the oxidation of 9-alpha,11-beta-PGF2 to PGD2. Functions as a bi-directional 3-alpha-, 17-beta- and 20-alpha HSD. Can interconvert active androgens, estrogens and progestins with their cognate inactive metabolites. Preferentially transforms androstenedione (4-dione) to testosterone.
组织特异性	Expressed in many tissues including adrenal gland, brain, kidney, liver, lung, mammary gland, placenta, small intestine, colon, spleen, prostate and testis. The dominant HSD in prostate and mammary gland. In the prostate, higher levels in epithelial cells than in stromal cells. In the brain, expressed in medulla, spinal cord, frontotemporal lobes, thalamus, subthalamic nuclei and amygdala. Weaker expression in the hippocampus, substantia nigra and caudate.
序列相似性	Belongs to the aldo/keto reductase family.
细胞定位	Cytoplasm.

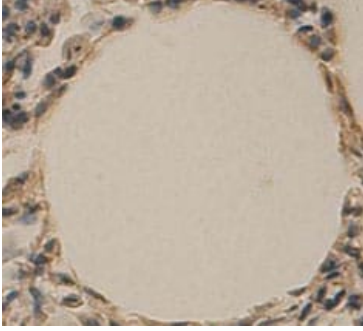
## 图片



Anti-AKR1C3 antibody (ab84327) at 1/500 dilution + human fetal liver lysate

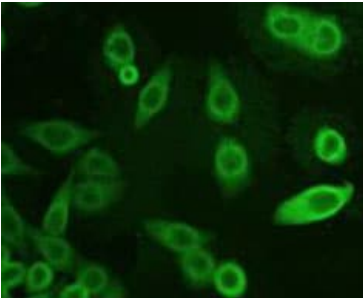
**Predicted band size:** 36 kDa

**Observed band size:** 36 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AKR1C3 antibody (ab84327)

ab84327, at a 1/100 dilution, staining AKR1C3 in formalin fixed, paraffin embedded human lung tissue by Immunohistochemistry. Note cytoplasmic staining.



Immunocytochemistry/ Immunofluorescence - Anti-AKR1C3 antibody (ab84327)

ab84327, at a 1/50 dilution, staining AKR1C3 in HeLa cells by Immunofluorescence.

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

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