

Anti-Xanthine Oxidase antibody ab125133

[1 References](#) [1 图像](#)

概述

产品名称	Anti-Xanthine Oxidase抗体
描述	兔多克隆抗体to Xanthine Oxidase
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Cow, Human
免疫原	Xanthine Oxidase purified from Cow Buttermilk.
阳性对照	Human Liver tissue.

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: 7.50 Preservative: 0.01% Sodium azide Constituent: 99% PBS
纯度	DEAE-Chromatography
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab125133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。

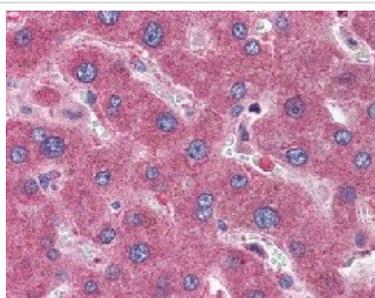
应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 146 kDa.
IP		1/100.

应用	Ab评论	说明
IHC-P		Use a concentration of 5 - 10 µg/ml.

靶标

功能	Key enzyme in purine degradation. Catalyzes the oxidation of hypoxanthine to xanthine. Catalyzes the oxidation of xanthine to uric acid. Contributes to the generation of reactive oxygen species. Has also low oxidase activity towards aldehydes (in vitro).
组织特异性	Detected in milk (at protein level).
疾病相关	Defects in XDH are the cause of xanthinuria type 1 (XU1) [MIM:278300]. Xanthinuria is characterized by excretion of very large amounts of xanthine in the urine and a tendency to form xanthine stones. Uric acid is strikingly diminished in serum and urine. XU1 is due to isolated xanthine dehydrogenase. XU1 patients can metabolize allopurinol.
序列相似性	Belongs to the xanthine dehydrogenase family. Contains 1 2Fe-2S ferredoxin-type domain. Contains 1 FAD-binding PCMH-type domain.
翻译后修饰	Subject to partial proteolysis; this alters the enzyme from the dehydrogenase form (D) to the oxidase form (O). Contains sulfhydryl groups that are easily oxidized (in vitro); this alters the enzyme from the dehydrogenase form (D) to the oxidase form (O).
细胞定位	Cytoplasm. Peroxisome. Secreted.

图片



ab125133 at 5 µg/ml staining Xanthine Oxidase in formalin-fixed, paraffin-embedded Human liver tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Xanthine Oxidase antibody (ab125133)

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