

Anti-Superoxide Dismutase 3/EC-SOD antibody ab90258

1 References **1 图像**

概述

产品名称	Anti-Superoxide Dismutase 3/EC-SOD抗体
描述	兔多克隆抗体to Superoxide Dismutase 3/EC-SOD
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	This antibody gave a positive signal in the following human tissue lysates: Artery; Heart; Lung; Kidney.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
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 ab90258 于以下的经测试应用

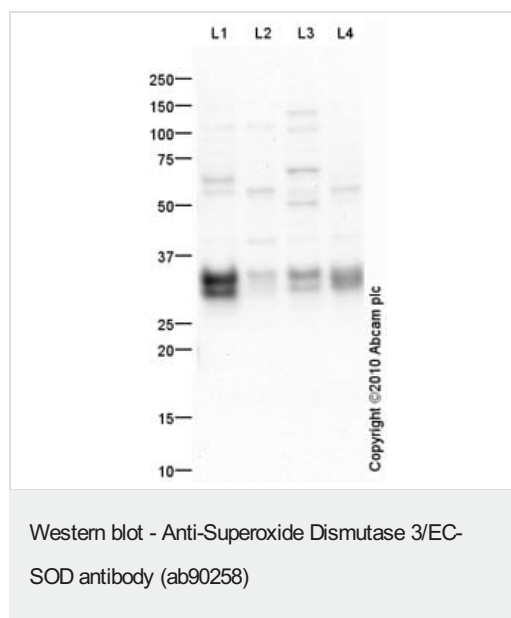
“应用说明”部分 下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 32 kDa (predicted molecular weight: 26 kDa).

靶标

功能	Protect the extracellular space from toxic effect of reactive oxygen intermediates by converting superoxide radicals into hydrogen peroxide and oxygen.
组织特异性	Expressed in blood vessels, heart, lung, kidney and placenta. Major SOD isoenzyme in extracellular fluids such as plasma, lymph and synovial fluid.
序列相似性	Belongs to the Cu-Zn superoxide dismutase family.
细胞定位	Secreted > extracellular space. 99% of EC-SOD is anchored to heparan sulfate proteoglycans in the tissue interstitium, and 1% is located in the vasculature in equilibrium between the plasma and the endothelium.

图片



All lanes : Anti-Superoxide Dismutase 3/EC-SOD antibody (ab90258) at 1 µg/ml

Lane 1 : Human blood vessel: artery normal tissue lysate - membrane extract ([ab28989](#))

Lane 2 : Human heart tissue lysate - total protein ([ab29431](#))

Lane 3 : Lung (Human) Tissue Lysate

Lane 4 : Human kidney tissue lysate - total protein ([ab30203](#))

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 26 kDa

Observed band size: 32,35 kDa

Additional bands at: 110 kDa, 42 kDa, 50 kDa, 55 kDa, 60 kDa.

We are unsure as to the identity of these extra bands.

Exposure time: 4 minutes

Superoxide dismutase 3 / EC-SOD contains a number of potential glycosylation sites (SwissProt), which may explain the migration pattern observed.

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

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