

Product datasheet

Anti-Superoxide Dismutase 3 antibody ab90258

画像数 1

製品の概要

製品名	Anti-Superoxide Dismutase 3 antibody
製品の詳細	Rabbit polyclonal to Superoxide Dismutase 3
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human Superoxide Dismutase 3. Immunogen の所有権に関して (Peptide available as <a href="#">ab99867</a> .)
ポジティブ・コントロール	This antibody gave a positive signal in the following human tissue lysates: Artery; Heart; Lung; Kidney.

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab90258** in the following tested applications.

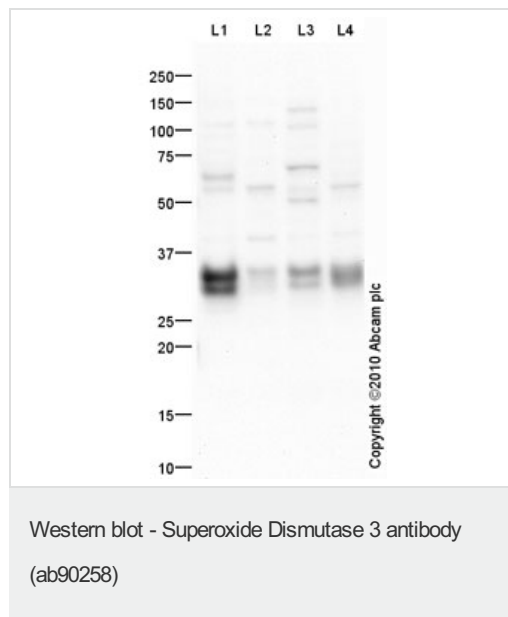
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 32 kDa (predicted molecular weight: 26 kDa).

## ターゲット情報

<b>機能</b>	Protect the extracellular space from toxic effect of reactive oxygen intermediates by converting superoxide radicals into hydrogen peroxide and oxygen.
<b>組織特異性</b>	Expressed in blood vessels, heart, lung, kidney and placenta. Major SOD isoenzyme in extracellular fluids such as plasma, lymph and synovial fluid.
<b>配列類似性</b>	Belongs to the Cu-Zn superoxide dismutase family.
<b>細胞内局在</b>	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.

## 画像



**All lanes :** Anti-Superoxide Dismutase 3 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

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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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