

Product datasheet

Anti-Methionine Sulfoxide Reductase A antibody ab16803

★★★★☆ 1 Abreviews 8 References 画像数 2

製品の概要

製品名	Anti-Methionine Sulfoxide Reductase A antibody
製品の詳細	Rabbit polyclonal to Methionine Sulfoxide Reductase A
アプリケーション	適用あり: ELISA, WB, IHC-P
種交差性	交差種: Mouse, Rat, Cow, Human 交差が予測される動物種: Macaque monkey
免疫原	Recombinant full length protein (Human).
ポジティブ・コントロール	Mouse kidney extract.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.03% Sodium Azide Constituents: 50% Glycerol, 0.01% BSA, HEPES, 0.15M Sodium chloride
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

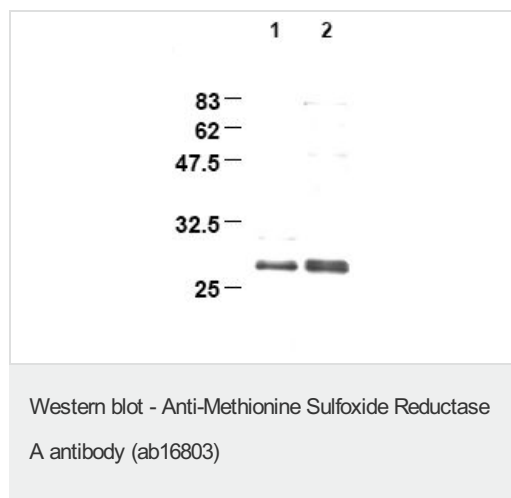
Our [Abpromise guarantee](#) covers the use of **ab16803** in the following tested applications.

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
ELISA		Use at an assay dependent concentration.
WB	★★★★☆	1/2000. Predicted molecular weight: 26 kDa.
IHC-P		Use a concentration of 1 µg/ml.

機能	Has an important function as a repair enzyme for proteins that have been inactivated by oxidation. Catalyzes the reversible oxidation-reduction of methionine sulfoxide in proteins to methionine.
組織特異性	Ubiquitous. Highest expression in adult kidney and cerebellum, followed by liver, heart ventricles, bone marrow and hippocampus.
配列類似性	Belongs to the MsrA Met sulfoxide reductase family.
細胞内局在	Cytoplasm; Cytoplasm. Nucleus and Mitochondrion.

画像



All lanes : Anti-Methionine Sulfoxide Reductase A antibody (ab16803)

Lane 1 : Mouse Kidney

Lane 2 : Rat Kidney

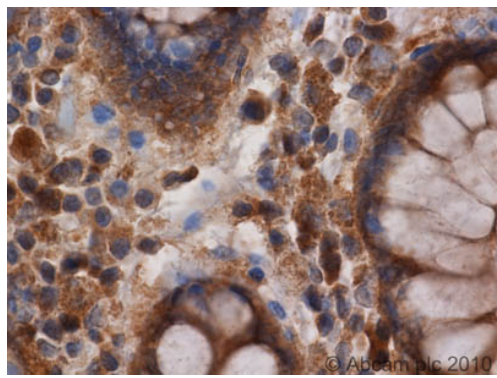
Predicted band size : 26 kDa

Observed band size : 27 kDa

Western blot using ab16803 at 1/2000.

Lane 1: Mouse kidney

Lane 2: Rat kidney



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Methionine Sulfoxide Reductase A antibody (ab16803)

ab16803 (1 μ g/ml) staining Methionine Sulfoxide Reductase A in human colon using an automated system (DAKO Autostainer Plus). Using this protocol there is strong staining of nuclear/cytoplasmic compartment of the intestinal glands cells. Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH 9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.

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