

Product datasheet

Anti-Nitro tyrosine antibody ab23704

1 References

製品の概要

製品名	Anti-Nitro tyrosine antibody
製品の詳細	Rabbit polyclonal to Nitro tyrosine
由来種	Rabbit
特異性	This antibody reacts against Nitrotyrosine, but with less than 10% reactivity against chlorotyrosine.
アプリケーション	適用あり: WB
免疫原	Nitrotyrosine containing synthetic peptide.

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: 0.02% Sodium Azide Constituents: 50% Glycerol, Tris buffered saline, 0.5mg/ml BSA, pH 7.4
精製度	Protein A purified
特記事項 (精製)	This antibody was prepared by affinity purification to exclude non nitrotyrosine antibodies generated against the antigenic peptide backbone.
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 **ab23704** 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 2 µg/ml.

ターゲット情報

関連性

Nitric oxide (NO) is a product of the enzymatic conversion of arginine to citrulline by nitric oxide synthase. NO reacts rapidly with superoxide to form peroxynitrite. At physiological pH and in the presence of transition metals, peroxynitrite undergoes heterolytic cleavage to form hydroxyl anion and nitronium ion, the latter of which nitrates protein tyrosine residues. Thus, the presence of nitrotyrosine on proteins can be used as a marker for peroxynitrite formation in vivo. The presence of nitrotyrosine has been detected in various inflammatory processes including atherosclerotic plaques.

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