

Product datasheet

Anti-Nitro tyrosine antibody (Biotin) ab27646

1 References

製品の概要

製品名	Anti-Nitro tyrosine antibody (Biotin)
製品の詳細	Goat polyclonal to Nitro tyrosine (Biotin)
標識	Biotin
特異性	Specifically binds to nitro-LDL, and other nitrated proteins.
アプリケーション	適用あり: ELISA, WB
免疫原	Chemical/ Small Molecule (Nitrotyrosine)

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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 75M Sodium chloride, 75mM PBS, pH 7.2
精製度	IgG fraction
特記事項 (精製)	purified by nitrated protein-Sepharose™ affinity column and labeled with Biotin.
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 **ab27646** 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		
WB		

追加情報

ELISA: Range 1/5000 - 1/40000.
WB: Range 1/5000 - 1/40000. Predicted molecular weight: na kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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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