

Anti-NOXO1 antibody ab97788

面格粉 1

医薬用外劇物

製品の概要

製品名	Anti-NOXO1 antibody
製品の詳細	Rabbit polyclonal to NOXO1
由来種	Rabbit
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, corresponding to a region within amino acids 307-370 of Human NOXO1 (NP_653204)
ポジティブ・コントロール	HCT116 whole cell lysate.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
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

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab97788の使用に適用されます

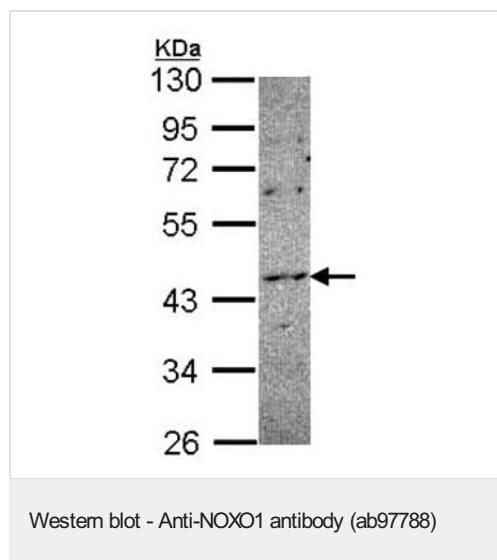
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/1000. Predicted molecular weight: 41 kDa.

ターゲット情報

機能	Constitutively potentiates the superoxide-generating activity of NOX1 and NOX3 and is required for the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity. Isoform 3 is more potent than isoform 1 in activating NOX3. Together with NOXA1, may also substitute to NCF1/p47phox and NCF2/p67phox in supporting the phagocyte NOX2/gp91phox superoxide-generating activity.
組織特異性	Expressed in testis, small and large intestines, liver, kidney and pancreas. Isoform 3 is mainly expressed in colon. Isoform 1 is preferentially expressed in testis.
配列類似性	Contains 1 PX (phox homology) domain. Contains 2 SH3 domains.
発生段階	Isoform 3 is expressed in fetal liver.
ドメイン	The PX domain mediates lipid-binding, localization to the plasma membrane and is required for NOX1 activation. The SH3 domains mediate interaction with CYBA/p22phox. Also mediates intramolecular interaction with the proline-rich region.
細胞内局在	Cell membrane. Isoform 3 associates with the plasma membrane in a lipid-dependent manner.

画像



Anti-NOXO1 antibody (ab97788) at 1/1000 dilution + HCT116 whole cell lysate at 30 µg

Predicted band size: 41 kDa

10% SDS PAGE

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

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