

Anti-NOXO1 antibody ab97788

1 图像

概述	
产品名称	Anti-NOXO1抗体
描述	兔多克隆抗体to NOXO1
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide, corresponding to a region within amino acids 307-370 of Human NOXO1 (NP_653204)
阳性对照	HCT116 whole cell lysate.
常规说明	<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>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
应用	

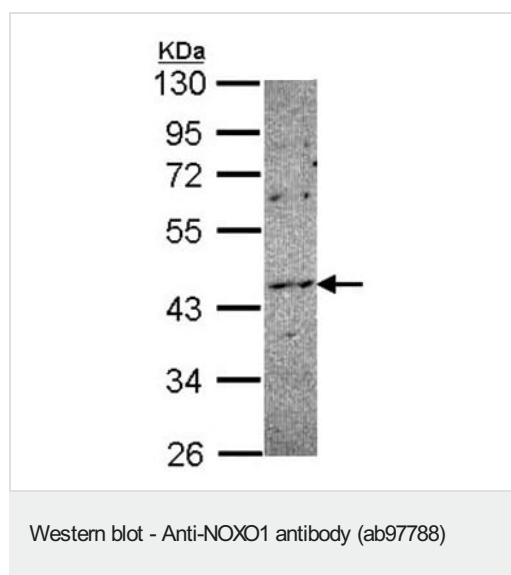
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Predicted molecular weight: 41 kDa.

靶标

功能	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.
组织特异性	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.
序列相似性	Contains 1 PX (phox homology) domain. Contains 2 SH3 domains.
发展阶段	Isoform 3 is expressed in fetal liver.
结构域	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.
细胞定位	Cell membrane. Isoform 3 associates with the plasma membrane in a lipid-dependent manner.

图片



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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