

Anti-NQO1 antibody ab2346

95 References 5 图像

概述	
产品名称	Anti-NQO1抗体
描述	山羊多克隆抗体to NQO1
宿主	Goat
特异性	This products is expected to recognize all three reported isoforms (NP_000894.1; NP_001020604.1; NP_001020605.1)
经测试应用	适用于: ICC/IF, WB, IHC-P
种属反应性	与反应: Rat, Human, Pig 预测可用于: Dog 
免疫原	Synthetic peptide corresponding to Human NQO1 aa 267-274 (C terminal). Sequence: C-SIPTDNQIKARK (Peptide available as ab22904) <div> Run BLAST with  Run BLAST with</div>
阳性对照	WB: U251, HepG2, Human Kidney, Human Lung, Human Duodenum, Rat Kidney, Rat Lung and Rat Duodenum lysates. IHC-P: Human Kidney tissue. ICC/IF: HepG2 cells.
常规说明	<p>Principal Names – NQO1; NAD(P)H dehydrogenase, quinone 1; DTD; QR1; DHQU; DIA4; NMOR1; NMORl; diaphorase-4; diaphorase (NADH/NADPH); diaphorase (NADH/NADPH) (cytochrome b-5 reductase); NAD(P)H:menadione oxidoreductase 1, dioxin-inducible 1. Official Gene Symbol - NQO1. GenBank Accession Number – NP_000894. LocusLink ID - 1728. Gene Ontology terms - cytoplasm; xenobiotic metabolism; detoxification response; cytochrome b5 reductase; nitric oxide biosynthesis; NAD(P)H dehydrogenase (quinone); synaptic transmission, cholinergic.</p> <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 and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab2346于以下的经测试应用

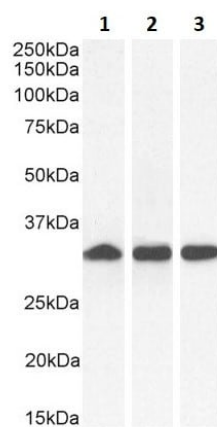
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 10 µg/ml.
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 30-32 kDa. Primary incubation for 1 hour at room temperature.
IHC-P		Use a concentration of 2 - 4 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinones involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.
序列相似性	Belongs to the NAD(P)H dehydrogenase (quinone) family.
细胞定位	Cytoplasm.

图片



Western blot - Anti-NQO1 antibody (ab2346)

All lanes : Anti-NQO1 antibody (ab2346) at 0.3 µg/ml

Lane 1 : Rat Kidney lysate in RIPA buffer

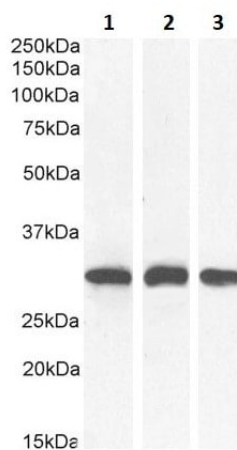
Lane 2 : Rat Lung lysate in RIPA buffer

Lane 3 : Rat Duodenum lysate in RIPA buffer

Lysates/proteins at 35 µg per lane.

Observed band size: 30-32 kDa

Detected by chemiluminescence.



Western blot - Anti-NQO1 antibody (ab2346)

All lanes : Anti-NQO1 antibody (ab2346) at 0.3 µg/ml

Lane 1 : Human Kidney lysate in RIPA buffer

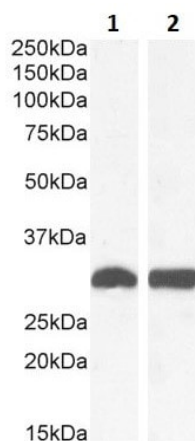
Lane 2 : Human Lung lysate in RIPA buffer

Lane 3 : Human Duodenum lysate in RIPA buffer

Lysates/proteins at 35 µg per lane.

Observed band size: 30 kDa

Detected by chemiluminescence.



Western blot - Anti-NQO1 antibody (ab2346)

All lanes : Anti-NQO1 antibody (ab2346) at 0.3 µg/ml

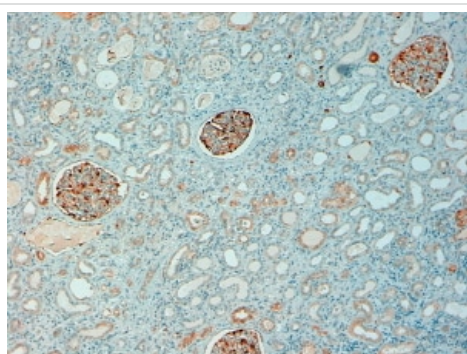
Lane 1 : U251 cell lysate in RIPA buffer

Lane 2 : HepG2 cell lysate in RIPA buffer

Lysates/proteins at 35 µg per lane.

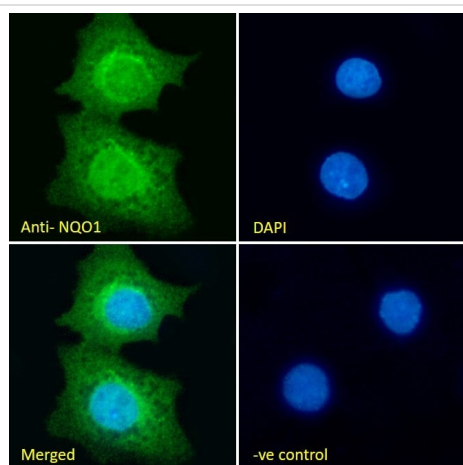
Observed band size: 30 kDa

Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NQO1 antibody (ab2346)

ab2346 (2µg/ml) staining of paraffin embedded Human Kidney.
Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunocytochemistry/ Immunofluorescence - Anti-NQO1 antibody (ab2346)

ab2346 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and some nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

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