




Product datasheet

Anti-NQO1 antibody - C-terminal ab219769

4 Images

Overview

Product name	Anti-NQO1 antibody - C-terminal
Description	Goat polyclonal to NQO1 - C-terminal
Host species	Goat
Specificity	ab219769 is expected to recognize all three reported isoforms (NP_000894.1, NP_001020604.1 and NP_001020605.1).
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human, Pig Predicted to work with: Mouse, Rabbit, Horse, Guinea pig, Dog, Monkey, Gorilla, Orangutan 
Immunogen	Synthetic peptide corresponding to Human NQO1 aa 263-274 (C terminal) (Cysteine residue). (NP_000894.1). Sequence: SIPTDNQIKARK Database link: P15559  Run BLAST with  Run BLAST with
Positive control	Human kidney tissue; human, rat and pig kidney lysates, human lung lysate.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions,</p>

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, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab219769** in the following tested applications.

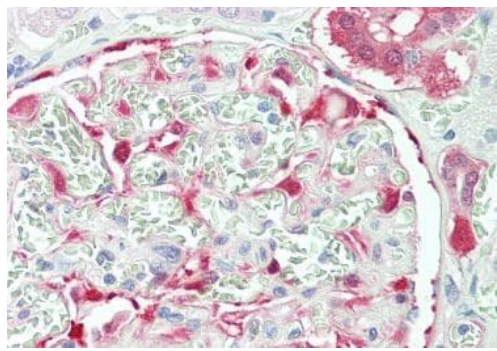
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.03 - 0.1 µg/ml. Predicted molecular weight: 31 kDa.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

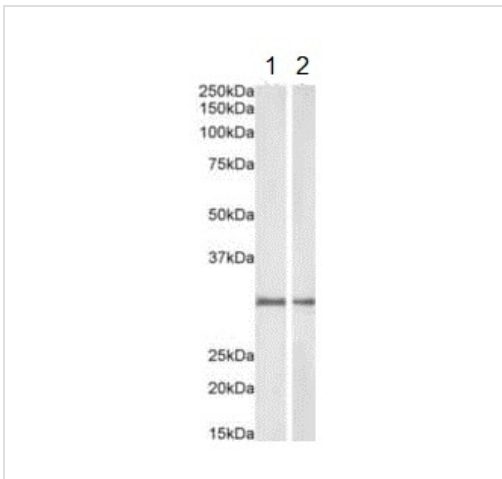
Function	The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinons involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.
Sequence similarities	Belongs to the NAD(P)H dehydrogenase (quinone) family.
Cellular localization	Cytoplasm.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NQO1 antibody - C-terminal (ab219769)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human kidney tissue labeling NQO1 with ab219769 at 5 µg/ml.



Western blot - Anti-NQO1 antibody - C-terminal (ab219769)

All lanes : Anti-NQO1 antibody - C-terminal (ab219769) at 1 µg/ml

Lane 1 : Rat kidney lysate (in RIPA buffer)

Lane 2 : Pig kidney lysate (in RIPA buffer)

Lysates/proteins at 35 µg per lane.

Developed using the ECL technique.

Predicted band size: 31 kDa

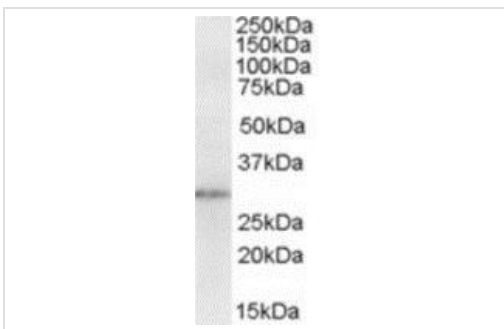


Western blot - Anti-NQO1 antibody - C-terminal (ab219769)

Anti-NQO1 antibody - C-terminal (ab219769) at 0.03 µg/ml + Human kidney lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 31 kDa



Western blot - Anti-NQO1 antibody - C-terminal (ab219769)

Anti-NQO1 antibody - C-terminal (ab219769) at 1 µg/ml + Human lung lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 31 kDa

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

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