




## Product datasheet

# Anti-NQO1 antibody - C-terminal ab219769

[4 Images](#)

### Overview

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<b>Product name</b>	Anti-NQO1 antibody - C-terminal
<b>Description</b>	Goat polyclonal to NQO1 - C-terminal
<b>Host species</b>	Goat
<b>Specificity</b>	ab219769 is expected to recognize all three reported isoforms (NP_000894.1, NP_001020604.1 and NP_001020605.1).
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human, Pig <b>Predicted to work with:</b> Mouse, Rabbit, Horse, Guinea pig, Dog, Monkey, Gorilla, Orangutan 
<b>Immunogen</b>	Synthetic peptide corresponding to Human NQO1 aa 250 to the C-terminus (C terminal) (Cysteine residue). (NP_000894.1). Database link: <a href="#">P15559</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human kidney tissue; human, rat and pig kidney lysates, human lung lysate.
<b>General notes</b>	<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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** 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
<b>WB</b>		Use a concentration of 0.03 - 0.1 µg/ml. Predicted molecular weight: 31 kDa.
<b>IHC-P</b>		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

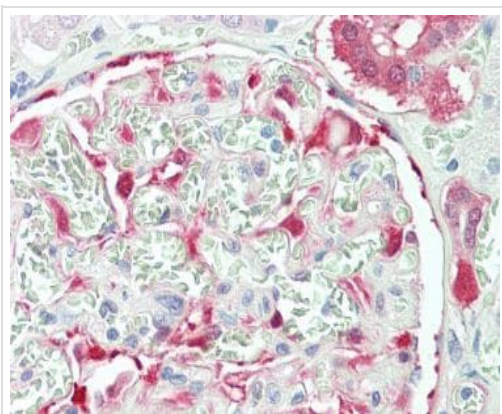
## Target

**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.

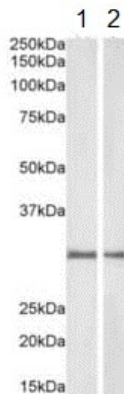
**Cellular localization** Cytoplasm.

## Images



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

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



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

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

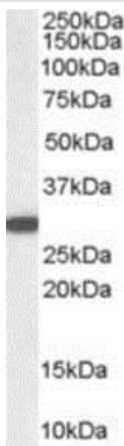
**Lane 1 :** Rat kidney lysate (in RIPA buffer)

**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

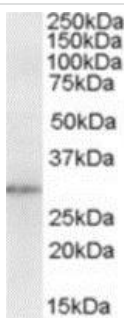


Western blot - Anti-NQO1 antibody - C-terminal (ab219769)

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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