

Datasheet for ABIN2856214
anti-NQO2 antibody (Center)[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | NQO2 |
| Binding Specificity: | Center |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NQO2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC) |

Product Details

| | |
|------------------|--|
| Immunogen: | Recombinant protein encompassing a sequence within the center region of human NQO2. The exact sequence is proprietary. |
| Isotype: | IgG |
| Characteristics: | Rabbit Polyclonal antibody to NQO2 (NAD(P)H dehydrogenase, quinone 2) NQO2 antibody |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

| | |
|-------------------|--|
| Target: | NQO2 |
| Alternative Name: | NQO2 (NQO2 Products) |

Target Details

Background: NQO2 (EC 1.10.99.2) is a flavoprotein that catalyzes the 2-electron reduction of various quinones, redox dyes, and the vitamin K menadione. NQO2 predominantly uses dihydronicotinamide riboside (NRH) as the electron donor (summary by Wu et al., 1997 [PubMed 9367528]).[supplied by OMIM]

Cellular Localization: Cytoplasm

Molecular Weight: 26 kDa

Gene ID: 4835

Application Details

Application Notes: Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*

Comment: Positive Control: 293T , A431 , mouse liver

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

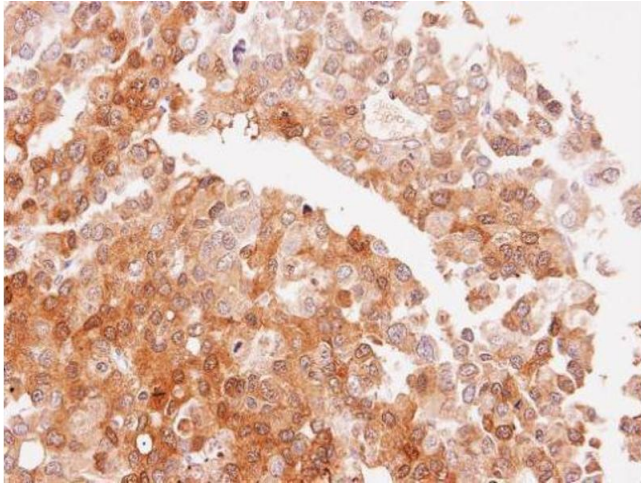
Buffer: 0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

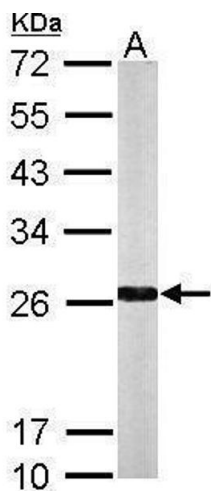
Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



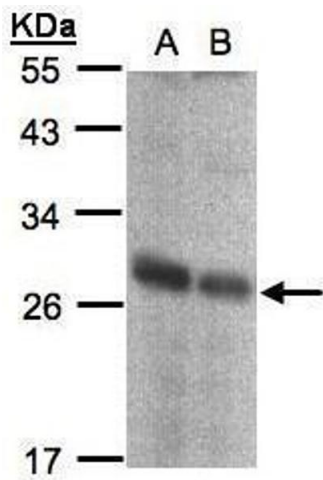
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded PLC xenograft, using NQO2, antibody at 1:100 dilution.



Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A: Mouse liver 12% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 3. WB Image Sample(30 ug whole cell lysate) A:293T B:A431, 12% SDS PAGE antibody diluted at 1:1000

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2856214.