



Datasheet for ABIN6263710  
**anti-NQO2 antibody (N-Term)**



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3 Images

Overview

Quantity:	100 µL
Target:	NQO2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NQO2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human NQO2, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	NQO2 Antibody detects endogenous levels of total NQO2.
Predicted Reactivity:	Pig,Horse,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	NQO2
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## Target Details

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Alternative Name:	NQO2 ( <a href="#">NQO2 Products</a> )
Background:	Description: 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.  Gene: NQO2
Molecular Weight:	26kDa
Gene ID:	4835
UniProt:	<a href="#">P16083</a>

## Application Details

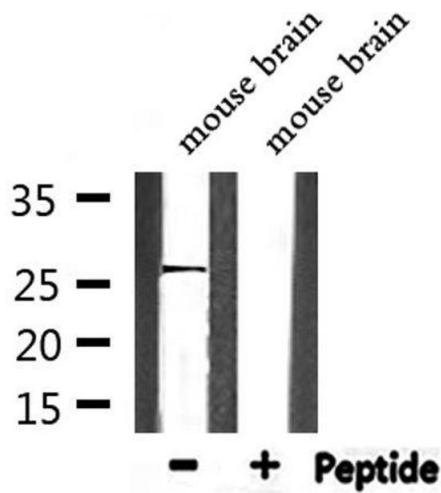
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Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

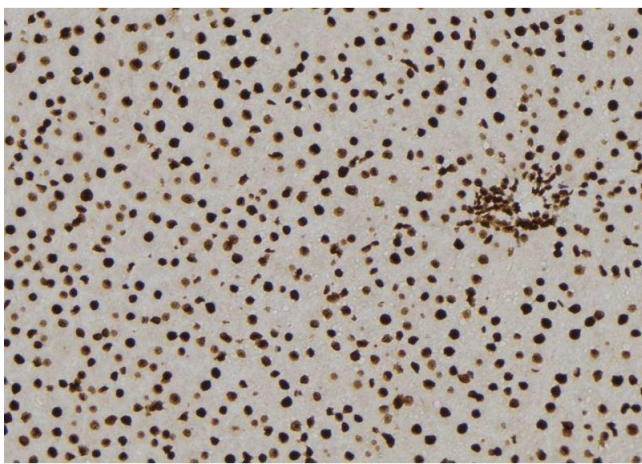
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



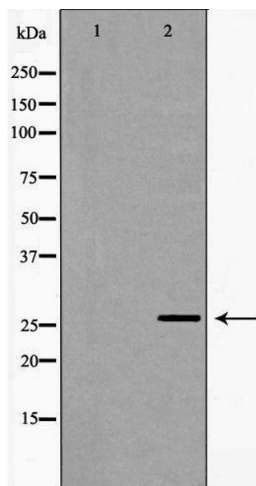
### Western Blotting

**Image 1.** Western blot analysis of extracts from mouse brain, using NQO2 Antibody.



### Immunohistochemistry

**Image 2.** ABIN6277585 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



### Western Blotting

**Image 3.** Western blot analysis of extracts of HeLa , using NQO2 antibody. The lane on the left is treated with the antigen-specific peptide.