

## Product datasheet for **AP52927PU-N**

### **NQO2 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100 - 1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 50-79 amino acids from the N-terminal region of human NQO2
Specificity:	This antibody reacts to NQO2.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	25953 Da
Gene Name:	NAD(P)H quinone dehydrogenase 2
Database Link:	<a href="#">Entrez Gene 18105 Mouse</a> <a href="#">Entrez Gene 4835 Human</a> <a href="#">P16083</a>

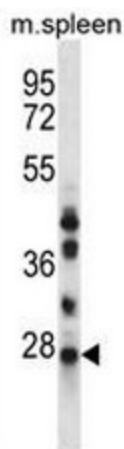


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**Background:** NQO2 (EC 1.10.99.2) is a flavoprotein that catalyzes the 2-electron reduction of various quinones, redox dyes, and the vitamin K menadione. NQO2 predominantly uses dihydronicotinamide riboside (NRH) as the electron donor (summary by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

**Synonyms:** NMOR2

**Product images:**



NQO2 Antibody (N-term) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the NQO2 antibody detected the NQO2 protein (arrow).