ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-NQO1 (isoform a) Antibody

Item Number	dAP-2320
Target Molecule	Principle Name: NQO1 (isoform a); Official Symbol: NQO1; All Names and Symbols: NQO1; NAD(P)H dehydrogenase, quinone 1; DHQU; DIA4; DTD; NMOR1; NMORI; QR1; DT-diaphorase; NAD(P)H dehydrogenase [quinone] 1; NAD(P)H:Quinone acceptor oxidoreductase type 1; NAD(P)H:menadione oxidoreductase 1; NAD(P)H:quinone oxidoreductase 1; NAD(P)H:qui; Accession Number (s): NP_000894.1; Human Gene ID(s): 1728; Non-Human GeneID(s):
Immunogen	DKGPFRSKKAVLS, is from internal region This antibody is expected to recognize reported isoform a (NP_000894.1) only.
Applications	Pep ELISA, IF, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Kidney lysates (calculated MW of 30.9kDa according to NP_000894.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Asher G, Lotem J, Kama R, Sachs L, Shaul Y, NQO1 stabilizes p53 through a distinct pathway. Proceedings of the National Academy of Sciences of the United States of America 2002 Mar 99 (5): 3099-104..PMID: 11867746->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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