

Product datasheet for TA384889M

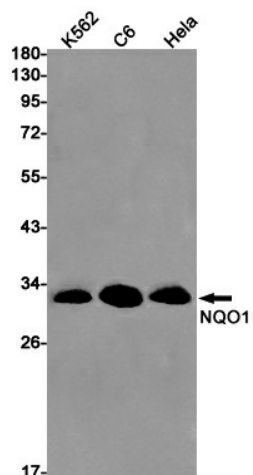
NQO1 Rabbit Monoclonal Antibody [Clone ID: R02-4D6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	R02-4D6
Applications:	IP, WB
Recommended Dilution:	WB: 1/1000 IP: 1/20
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human NQO1
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 31 kDa; Observed MW: 31 kDa
Gene Name:	NAD(P)H quinone dehydrogenase 1
Database Link:	Entrez Gene 1728 Human P15559
Background:	Swiss-Prot Acc.P15559.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.MiscellaneousQuinone reductase accepts electrons from both NADH and NADPH with equal efficiency.
Synonyms:	azoreductase; DHQU; DIA4; diaphorase-4; DT-diaphorase; DTD; NMOR1; NMORI; QR1


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Product images:



Western blot analysis of NQO1 in K562, C6, HeLa lysates using NQO1 antibody.