

## Product datasheet for **TA370783**

### **NQO2 Rabbit Polyclonal Antibody**

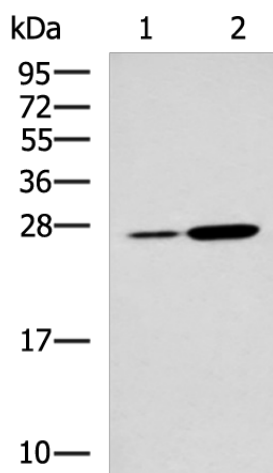
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 1000-5000 WB positive control: Mouse kidney tissue and Mouse liver tissue lysates IHC: 50-200 Positive control: Human tonsil Predicted cell location: Cytoplasm
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Fusion protein of human NQO2
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C.
<b>Stability:</b>	1 year
<b>Predicted Protein Size:</b>	26 kDa
<b>Gene Name:</b>	NAD(P)H quinone dehydrogenase 2
<b>Database Link:</b>	<a href="#">Entrez Gene 4835 Human P16083</a>
<b>Background:</b>	This gene encodes a member of the thioredoxin family of enzymes. It is a cytosolic and ubiquitously expressed flavoprotein that catalyzes the two-electron reduction of quinone substrates and uses dihydronicotinamide riboside as a reducing coenzyme. Mutations in this gene have been associated with neurodegenerative diseases and several cancers. Alternative splicing results in multiple transcript variants.
<b>Synonyms:</b>	DHQV; DIA6; NMOR2; OTTHUMP00000015949; OTTHUMP00000015953; QR2



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## Product images:



Gel: 12%SDS-PAGE

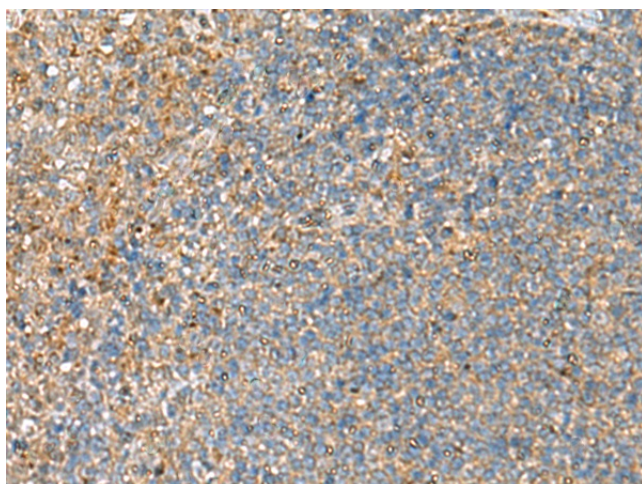
Lysate: 40  $\mu$ g

Lane 1-2: Mouse kidney tissue and Mouse liver tissue lysates

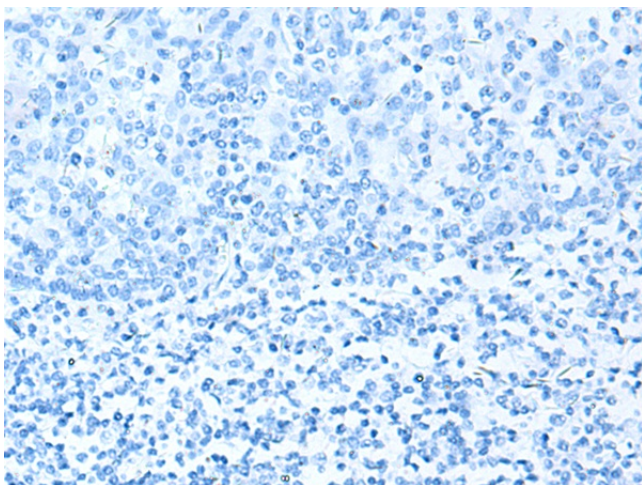
Primary antibody: TA370783 (NQO2 Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

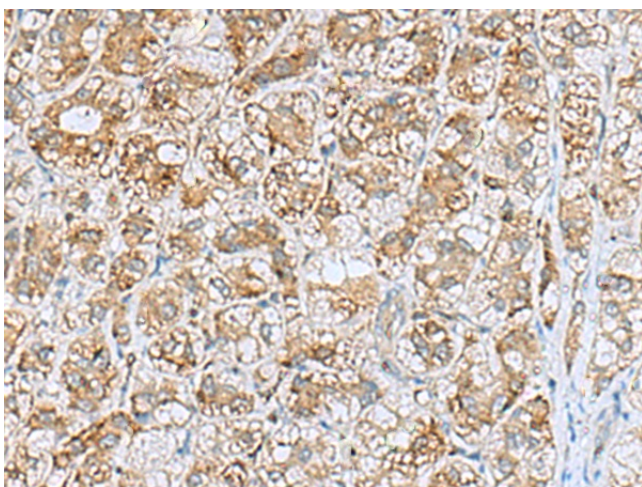
Exposure time: 20 seconds



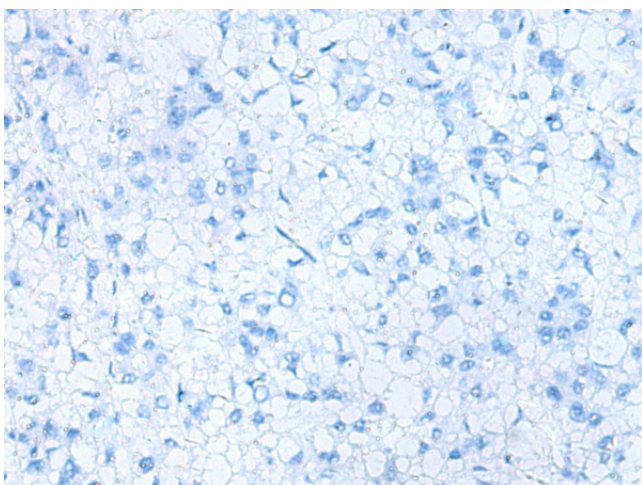
Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370783 (NQO2 Antibody) at dilution 1/70 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370783 (NQO2 Antibody) at dilution 1/70, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA370783 (NQO2 Antibody) at dilution 1/70 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA370783 (NQO2 Antibody) at dilution 1/70, treated with fusion protein. (Original magnification: x200)