

Datasheet for ABIN7599640
anti-QSOX2 antibody (AA 102-523)



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Overview

Quantity:	100 µg
Target:	QSOX2
Binding Specificity:	AA 102-523
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This QSOX2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-QSOX2 Antibody Picoband®
Immunogen:	E.coli-derived human QSOX2 recombinant protein (Position: R102-P523).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-QSOX2 Antibody Picoband® (ABIN7599640). Tested in ELISA, IF, IHC, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	QSOX2
Alternative Name:	QSOX2 (QSOX2 Products)
Background:	<p>Synonyms: Protein NDRG3,N-myc downstream-regulated gene 3 protein,NDRG3,</p> <p>Tissue Specificity: Ubiquitous. Highly expressed in brain. .</p> <p>Background: This gene encodes a member of the sulfhydryl oxidase protein family. Members of this family catalyze formation of disulfide bonds. A similar protein in humans may sensitize neuroblastoma cells to interferon gamma-induced cell death. Alternate splicing results in multiple transcript variants.</p>
Molecular Weight:	80 kDa
Gene ID:	169714
Pathways:	Cell RedoxHomeostasis , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Alon, A., Grossman, I., Gat, Y., Kodali, V. K., DiMaio, F., Mehlman, T., Haran, G., Baker, D., Thorpe, C., Fass, D. The dynamic disulphide relay of quiescin sulphhydryl oxidase. Nature 488: 414-418, 2012. 2. Wittke, I., Wiedemeyer, R., Pillmann, A., Savelyeva, L., Westermann, F., Schwab, M. Neuroblastoma-derived sulfhydryl oxidase, a new member of the sulfhydryl oxidase/Quiescin6 family, regulates sensitization to interferon gamma-induced cell death in human neuroblastoma cells. Cancer Res. 63: 7742-7752, 2003.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C

Handling

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.