

Human Sulfhydryl Oxidase 2 (QSOX2) ELISA Kit | QSOX2 elisa kit

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CATALOG #
AAA331179

REACTIVITY
Human

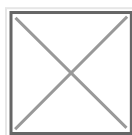
PRODUCT SYNONYMS

Sulfhydryl Oxidase 2 (QSOX2); Human Sulfhydryl Oxidase 2 (QSOX2) ELISA Kit; QSOX2; RP11-83N9.4; DKFZp762A2013; QSCN6L1; SOXN; neuroblastoma-derived sulfhydryl oxidase; quiescin Q6-like 1; QSOX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Sulfhydryl oxidase 2 (QSOX2) ELISA Kit has high sensitivity and excellent specificity for detection of Human QSOX2. No significant cross-reactivity or interference between Human QSOX2 and analogues was observed.
Sequence Length	698
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Sulfhydryl oxidase 2 (QSOX2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for QSOX2 elisa kit	Description: This Human Sulfhydryl oxidase 2 (QSOX2) ELISA Kit employs a two-site sandwich ELISA to quantitate QSOX2 in samples. An antibody specific for QSOX2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any QSOX2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for QSOX2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of QSOX2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: QSOX2 is a member of the sulfhydryl oxidase/quiescin-6 (Q6) family (QSOX1) that regulates the sensitization of neuroblastoma cells for IFN-gamma (IFNG)-induced cell death.The deduced 698-amino acid protein has a calculated molecular mass of 77.3 kD and contains a signal sequence, a protein-disulfide-isomerase (PDI)-type thioredoxin domain, a yeast ERV1 (GFER) domain, a conserved N-glycosylation motif, Q6-like regions, and a C-terminal transmembrane domain. Northern blot analysis of adult and fetal tissues detected 7.5- and 4.6-kb transcripts in all fetal and adult tissues tested with highest expression detected in pancreas, brain, placenta, kidney, heart, and fetal tissues compared to lung, liver, and skeletal muscle. QSOX2 is a membrane-associated protein localized to the plasma membrane in neuroblastoma cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145580631
NCBI GeneID	169714
NCBI Accession #	NP_859052.3
NCBI GenBank Nucleotide #	NP_859052.3
UniProt Accession #	Q6ZRP7
NCBI Official Full Name	sulfhydryl oxidase 2
NCBI Official Synonym Full Names	quiescin sulfhydryl oxidase 2
NCBI Official Symbol	QSOX2
NCBI Official Synonym Symbols	SOXN; QSCN6L1
NCBI Protein Information	sulfhydryl oxidase 2
UniProt Protein Name	Sulfhydryl oxidase 2
UniProt Gene Name	QSOX2
UniProt Synonym Gene Names	QSCN6L1; SOXN
UniProt Entry Name	QSOX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/sulfhydryl-oxidase-2-qsox2/331179>