

Rabbit anti-Human QSOX2 Polyclonal Antibody | anti-QSOX2 antibody

Anti-QSOX2 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126567	Rabbit	Human	ELISA, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

QSOX2; Polyclonal Antibody; Anti-QSOX2 Antibody Picoband; anti-QSOX2 antibody

PRODUCT SPECIFICATIONS

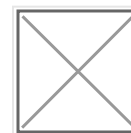
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-QSOX2 antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human QSOX2 recombinant protein (Position: R102-P523).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



IF (Immunofluorescence)

Figure 5. IF analysis of QSOX2 using anti-QSOX2 antibody (AAA126567). QSOX2 was detected in an immunocytochemical section of HeLa cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-QSOX2 Antibody (AAA126567) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



IHC (Immunohistochemistry)

Figure 4. IHC analysis of QSOX2 using anti-QSOX2 antibody (AAA126567). QSOX2 was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-QSOX2 Antibody (AAA126567) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



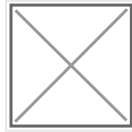
IHC (Immunohistochemisry)

Figure 3. IHC analysis of QSOX2 using anti-QSOX2 antibody (AAA126567).QSOX2 was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-QSOX2 Antibody (AAA126567) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohiostchemistry)

Figure 2. IHC analysis of QSOX2 using anti-QSOX2 antibody (AAA126567).QSOX2 was detected in a paraffin-embedded section of human breast cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-QSOX2 Antibody (AAA126567) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



WB (Western Blot)

Figure 1. Western blot analysis of QSOX2 using anti-QSOX2 antibody (AAA126567).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human Hela whole cell lysates,Lane 2: human Hacat whole cell lysates,Lane 3: human A549 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-QSOX2 antigen affinity purified polyclonal antibody (#AAA126567) at 0.25 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for QSOX2 at approximately 80 kDa. The expected band size for QSOX2 is at 80 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-QSOX2 antibody	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.
Product Categories/Family for anti-QSOX2 antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	145580631
NCBI GeneID	169714
NCBI Accession #	NP_859052.3
NCBI GenBank Nucleotide #	NM_181701.3
UniProt Accession #	Q6ZRP7 ; Q5TB37 ; Q7Z7B6 ; Q86VV7 ; Q8N3G2 ; A2CEE0 ; A6NLB0
Molecular Weight	77,529 Da
NCBI Official Full Name	sulfhydryl oxidase 2
NCBI Official Synonym Full Names	quiescin Q6 sulfhydryl oxidase 2
NCBI Official Symbol	QSOX2
NCBI Official Synonym Symbols	SOXN; QSCN6L1
NCBI Protein Information	sulfhydryl oxidase 2; quiescin Q6-like 1; quiescin Q6-like protein 1; neuroblastoma-derived sulfhydryl oxidase
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/polyclonal/qsox2-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/126567>