

**QSOX2 Antibody (Internal)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11181****Specification**

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**QSOX2 Antibody (Internal) - Product Information**

Application	IHC-P
Primary Accession	<a href="#">Q6ZRP7</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78kDa KDa
Dilution	IHC-P~~N/A

**QSOX2 Antibody (Internal) - Additional Information****Gene ID** 169714**Other Names**

Sulfhydryl oxidase 2, 1.8.3.2, Neuroblastoma-derived sulfhydryl oxidase, Quiescin Q6-like protein 1, QSOX2, QSCN6L1, SOXN

**Target/Specificity**

Human QSOX2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

QSOX2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**QSOX2 Antibody (Internal) - Protein Information****Name** QSOX2**Synonyms** QSCN6L1, SOXN**Function**

Catalyzes the oxidation of sulfhydryl groups in peptide and protein thiols to disulfides with the reduction of oxygen to hydrogen peroxide. May contribute to disulfide bond formation in a variety of secreted proteins. Also seems to play a role in regulating the sensitization of neuroblastoma cells for interferon-gamma-induced apoptosis.

**Cellular Location**

Membrane; Single- pass membrane protein. Secreted. Cell membrane; Single-pass membrane protein. Nucleus membrane; Single- pass membrane protein. Note=Seems to be predominantly

targeted to the nuclear and outer plasma membrane

#### **Tissue Location**

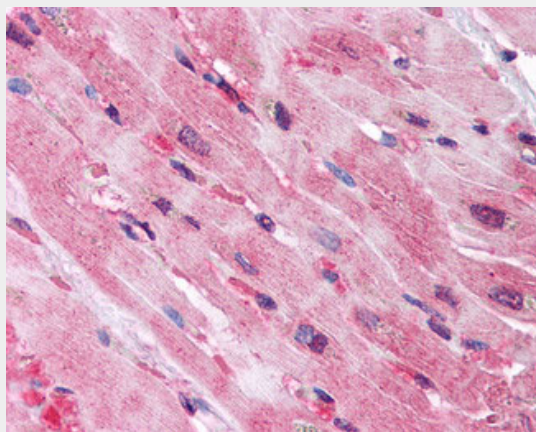
Expressed in pancreas, brain, placenta, kidney, heart and fetal tissues. Weakly expressed in lung, liver and skeletal muscles.

#### **QSOX2 Antibody (Internal) - Protocols**

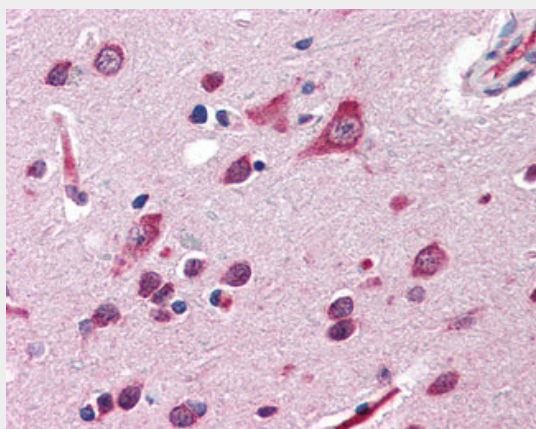
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **QSOX2 Antibody (Internal) - Images**



Anti-QSOX2 antibody ALS11181 IHC of human heart.



Anti-QSOX2 antibody ALS11181 IHC of human brain, cortex.

#### **QSOX2 Antibody (Internal) - Background**

Catalyzes the oxidation of sulfhydryl groups in peptide and protein thiols to disulfides with the reduction of oxygen to hydrogen peroxide. May contribute to disulfide bond formation in a variety of secreted proteins. Also seems to play a role in regulating the sensitization of neuroblastoma cells for interferon-gamma-induced apoptosis.

#### **QSOX2 Antibody (Internal) - References**

Wittke I., et al. Cancer Res. 63:7742-7752(2003).  
Humphray S.J., et al. Nature 429:369-374(2004).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Bechtel S., et al. BMC Genomics 8:399-399(2007).  
Daub H., et al. Mol. Cell 31:438-448(2008).