abcam

Product datasheet

Anti-QSOX2 antibody - C-terminal ab191168

2 Images

Overview

Product name	Anti-QSOX2 antibody - C-terminal
Description	Rabbit polyclonal to QSOX2 - C-terminal
Host species	Rabbit
Tested applications	**Suitable for:** IP, WB
Species reactivity	**Reacts with:** Human **Predicted to work with:** Chimpanzee, Cynomolgus monkey, Rhesus monkey, Orangutan
Immunogen	Synthetic peptide within Human QSOX2 aa 600 to the C-terminus (C terminal). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please **contact** our Scientific Support team to discuss your requirements. (NP_859052.3). Database link: **Q6ZRP7** Run BLAST with Run BLAST with
Positive control	HeLa, 293T and Jurkat whole cell lysates.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate pH 7 to 8

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab191168 in the following tested applications.

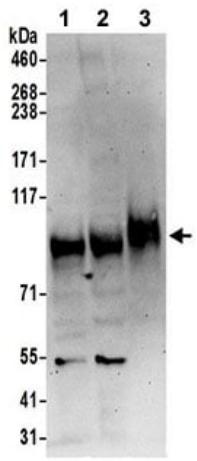
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-10 µg/mg of lysate.
WB		1/500 - 1/2500. Predicted molecular weight: 78 kDa.

Target

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.
Tissue specificity	Expressed in pancreas, brain, placenta, kidney, heart and fetal tissues. Weakly expressed in lung, liver and skeletal muscles.
Sequence similarities	Belongs to the quiescin-sulfhydryl oxidase (QSOX) family. Contains 1 ERV/ALR sulfhydryl oxidase domain. Contains 1 thioredoxin domain.
Cellular localization	Membrane. Secreted. Cell membrane. Nucleus membrane. Seems to be predominantly targeted to the nuclear and outer plasma membrane.

Images



Western blot - Anti-QSOX2 antibody - C-terminal (ab191168)

All lanes : Anti-QSOX2 antibody - C-terminal (ab191168) at 1 µg/ml

Lane 1 : HeLa whole cell lysate
Lane 2 : 293T whole cell lysate
Lane 3 : Jurkat whole cell lysate

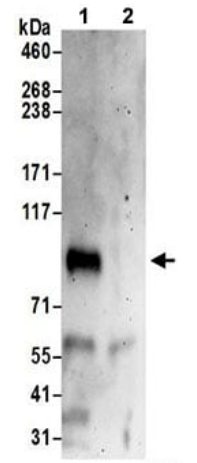
Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 78 kDa

Exposure time: 3 minutes

Lysates prepared using RIPA lysis buffer.



Immunoprecipitation - Anti-QSOX2 antibody - C-terminal (ab191168)

Detection of QSOX2 in immunoprecipitates of HeLa whole cell lysate prepared using RIPA lysis buffer (1 mg for IP, 20% of IP loaded) using ab191168 at 6 µg/mg lysate for IP and at 1 µg/ml for subsequent Western blot detection (Lane 1). Lane 2 represents control IgG IP.
Detection: Chemiluminescence with an exposure time of 3 minutes.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors