


Product datasheet

Anti-SOS2 antibody ab85831

2 Images

Overview

Product name	Anti-SOS2 antibody
Description	Rabbit polyclonal to SOS2
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rabbit, Horse, Guinea pig, Dog, Chimpanzee, Gorilla, Chinese hamster, Orangutan, Platypus, Elephant 
Immunogen	Synthetic peptide, corresponding to a region within amino acids 1282 -1332 of Human SOS2 (NP_008870.2)
Positive control	HeLa and 293T whole cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab85831** 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
WB		1/2000 - 1/10000. Predicted molecular weight: 153 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

Function

Promotes the exchange of Ras-bound GDP by GTP.

Sequence similarities

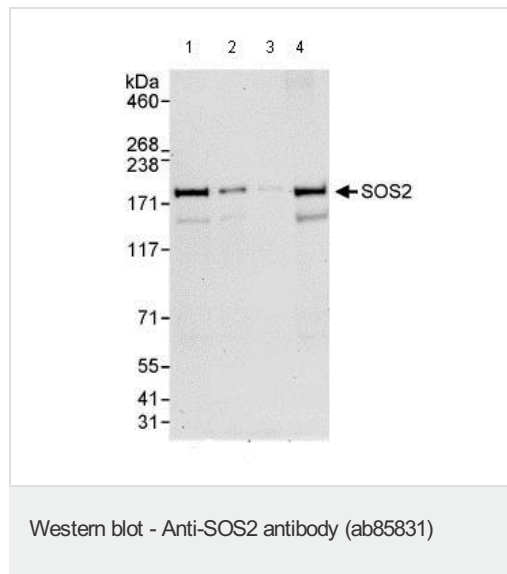
Contains 1 DH (DBL-homology) domain.

Contains 1 N-terminal Ras-GEF domain.

Contains 1 PH domain.

Contains 1 Ras-GEF domain.

Images



All lanes : Anti-SOS2 antibody (ab85831) at 0.1 mg/ml

Lane 1 : Whole cell lysate from HeLa cells at 5 µg

Lane 2 : Whole cell lysate from HeLa cells at 15 µg

Lane 3 : Whole cell lysate from HeLa cells at 50 µg

Lane 4 : Whole cell lysate from 293T cells at 50 µg

Developed using the ECL technique.

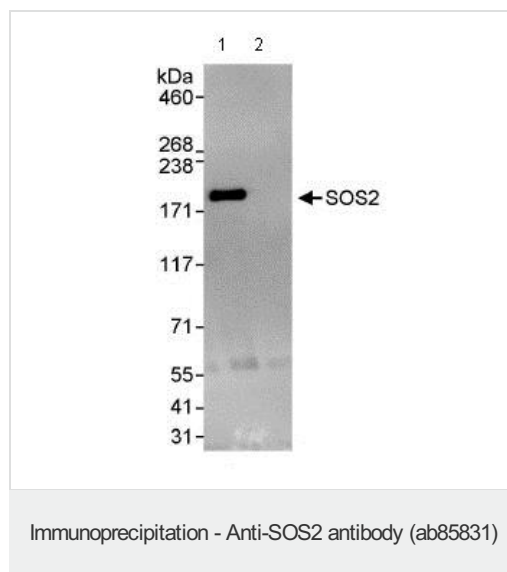
Predicted band size: 153 kDa

Observed band size: 180 kDa

[why is the actual band size different from the predicted?](#)

Additional bands at: 150 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds



Immunoprecipitation/ Western Blot of ab85831

Lane 1: ab85831 at 3µg/mg whole cell lysate.

Lane 2: Control IgG.

ab85831 at 1µg/ml for WB.

Whole cell lysate from Hela cells at 1mg for IP, 20% of IP loaded.

Chemiluminescence with an exposure time of 30 seconds.

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