


Product datasheet

Anti-SPOP antibody ab137537

★★★★★ [1 Abreviews](#) [16 References](#) [3 Images](#)

Overview

Product name	Anti-SPOP antibody
Description	Rabbit polyclonal to SPOP
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Cow, Zebrafish, Xenopus tropicalis 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 1-223 of Human SPOP.
Positive control	WB: HepG2, mouse brain, transfected HEK-293T lysate.
General notes	<p>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.</p> <p>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</p>

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: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab137537 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)	1/1000 - 1/10000. Predicted molecular weight: 42 kDa.

Target

Function

Inhibits IPF1/PDX1 transactivation of established target promoters, such as insulin, may be by recruiting a repressor complex (By similarity). In complex with CUL3, involved in ubiquitination of BMI1, H2AFY and DAXX, and probably also in ubiquitination and proteasomal degradation of Gli2 or Gli3.

Tissue specificity

Widely expressed.

Pathway

Protein modification; protein ubiquitination.

Sequence similarities

Belongs to the Tdpoz family.
Contains 1 BTB (POZ) domain.
Contains 1 MATH domain.

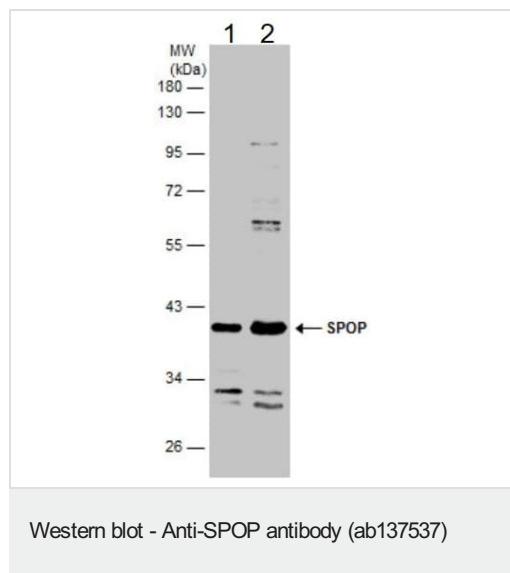
Domain

The MATH domain interacts with H2AFY and BMI1.

Cellular localization

Nucleus.

Images



All lanes : Anti-SPOP antibody (ab137537) at 1/1000 dilution

Lane 1 : HepG2 (human liver hepatocellular carcinoma cell line)
whole cell lysate

Lane 2 : HepG2 nuclear extract

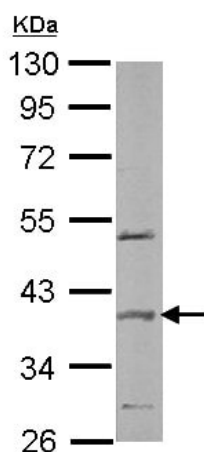
Lysates/proteins at 30 µg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 42 kDa

10% SDS-PAGE



Western blot - Anti-SPOP antibody (ab137537)

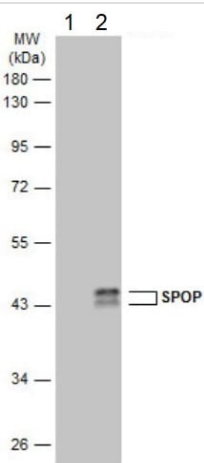
Anti-SPOP antibody (ab137537) at 1/2000 dilution + Mouse brain lysate at 50 µg

Secondary

HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 42 kDa

10% SDS PAGE



Western blot - Anti-SPOP antibody (ab137537)

All lanes : Anti-SPOP antibody (ab137537) at 1/5000 dilution

Lane 1 : Non-transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lane 2 : Transfected HEK-293T whole cell lysate

Lysates/proteins at 30 µg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 42 kDa

10% SDS-PAGE

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

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