


Product datasheet

Anti-SP2 transcription factor antibody ab229468

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

Overview

Product name	Anti-SP2 transcription factor antibody
Description	Rabbit polyclonal to SP2 transcription factor
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Rhesus monkey 
Immunogen	Recombinant fragment within Human SP2 transcription factor (internal sequence). The exact sequence is proprietary. Database link: Q02086
Positive control	WB: Jurkat, Raji, NCI-H929 whole cell lysates; A431 and HepG2 whole cell extracts. IP: Raji whole cell 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: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab229468 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)	1/500 - 1/3000. Predicted molecular weight: 65 kDa.
IP		1/100 - 1/500.

Target

Function	Binds to GC box promoters elements and selectively activates mRNA synthesis from genes that contain functional recognition sites.
Sequence similarities	Belongs to the Sp1 C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers.
Cellular localization	Nucleus.

Images



All lanes : Anti-SP2 transcription factor antibody (ab229468) at 1/500 dilution

Lane 1 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

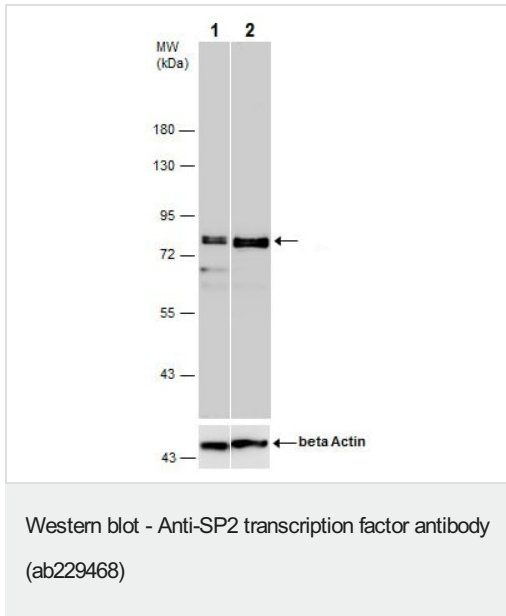
Lane 2 : Raji (human Burkitt's lymphoma cell line) whole cell lysate

Lane 3 : NCI-H929 (Human bone marrow lymphoblast cell line) whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 65 kDa

7.5% SDS-PAGE gel.



All lanes : Anti-SP2 transcription factor antibody (ab229468) at 1/1000 dilution

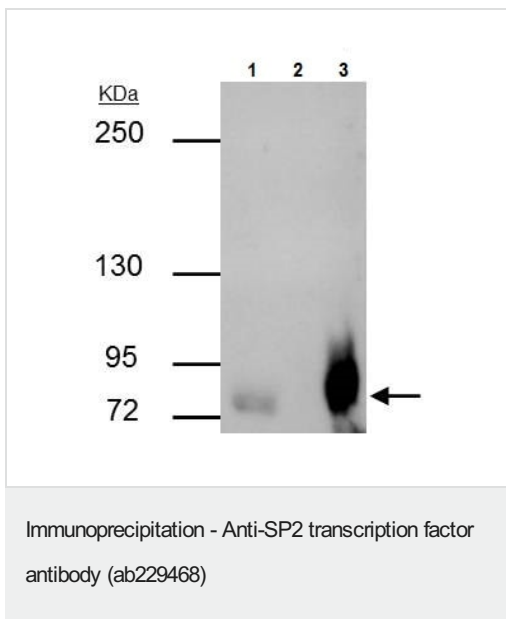
Lane 1 : A431 (human epidermoid carcinoma cell line) whole cell extract

Lane 2 : HepG2 (human liver hepatocellular carcinoma cell line) whole cell extract

Lysates/proteins at 30 µg per lane.

Predicted band size: 65 kDa

7.5% SDS-PAGE gel.



SP2 transcription factor was immunoprecipitated from Raji (human Burkitt's lymphoma cell line) whole cell extract with 3 µg ab229468. Western blot was performed from the immunoprecipitate using ab229468. Anti-Rabbit IgG was used as a secondary reagent.

Lane 1: Raji whole cell extract.

Lane 2: Control IgG IP in Raji whole cell extract.

Lane 3: ab229468 IP in Raji whole cell extract.

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

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