

Product datasheet

Anti-SLIRP antibody ab51523

★★★★★ [4 Abreviews](#) [8 References](#) [3 Images](#)

Overview

Product name	Anti-SLIRP antibody
Description	Rabbit polyclonal to SLIRP
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Human Does not react with: Mouse
Immunogen	Synthetic peptide made to a C terminal region of human SLIRP.
Positive control	ICC/IF: HeLa, U2OS cells. IHC-P: Mouse intestine tissue. WB: Human liver 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.
Storage buffer	pH: 7.4 Preservative: 0.05% Sodium azide Constituents: 0.87% Sodium chloride, Tris glycine
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab51523 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
ICC/IF		1/10 - 1/500.
IHC-P		1/100.
WB	★★★★★ (3)	Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 12 kDa (predicted molecular weight: 12 kDa).

Target

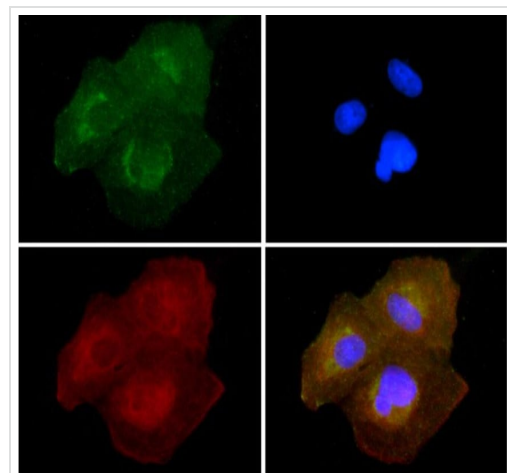
Relevance

SLIRP is a RNA binding protein that acts as a nuclear receptor corepressor. It may act by binding the SRA RNA, and repressing the SRA-mediated nuclear receptor coactivation. SLIRP binds the STR7 loop of SRA RNA. It is also able to repress glucocorticoid (GR), androgen (AR), thyroid (TR) and VDR-mediated transactivation. It contains 1 RRM (RNA recognition motif) domain. SLIRP is predominantly found in mitochondria with a limited role in the nucleus where it is recruited to nuclear receptor target promoters.

Cellular localization

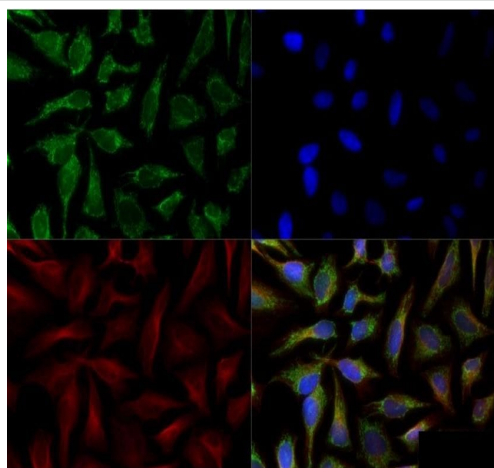
Mitochondrial and Nuclear; Predominantly mitochondrial.

Images



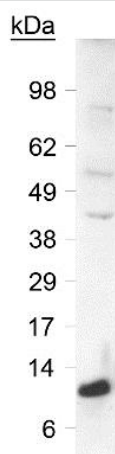
U2OS cells stained for SLIRP (green) using ab51523 at 1/500 dilution in immunocytochemistry. Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red).

Immunocytochemistry/ Immunofluorescence - Anti-SLIRP antibody (ab51523)



Immunocytochemistry/ Immunofluorescence - Anti-SLIRP antibody (ab51523)

HeLa cells stained for SLIRP using ab51523 at 1/200 dilution overnight at 4°C and detected with an anti-rabbit Dylight 488 (green) at 1/500 dilution in immunocytochemistry. Alpha tubulin was used as a co-stain at a 1/1000 dilution and detected with an anti-mouse Dylight 550 (red) at 1/500 dilution. Nuclei were counterstained with DAPI (blue).



Western blot - Anti-SLIRP antibody (ab51523)

Anti-SLIRP antibody (ab51523) at 0.6 µg/ml + human liver lysate

Predicted band size: 12 kDa

Observed band size: 12 kDa

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

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