

Anti-SECISBP2 antibody ab210791

4 Images

Overview

Product name	Anti-SECISBP2 antibody
Description	Rabbit polyclonal to SECISBP2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human SECISBP2 aa 270-854 (C terminal). Database link: Q96T21
Positive control	IF; HeLa cells. WB: MCF7, BT-474, HeLa, 293T and mouse thymus extract. IHC-P: Human liver injury tissue.
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: 7.30 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab210791 in the following tested applications.

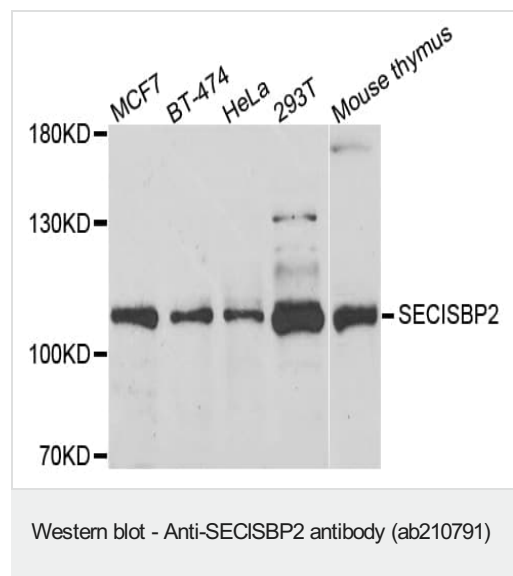
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200.
WB		1/500 - 1/2000. Predicted molecular weight: 95 kDa.
IF		1/50 - 1/100.

Target

Function	Binds to the SECIS element in the 3'-UTR of some mRNAs encoding selenoproteins. Binding is stimulated by SELB.
Tissue specificity	Expressed at high levels in testis.
Involvement in disease	Defects in SECISBP2 are a cause of abnormal thyroid hormone metabolism (ATHYHM) [MIM:609698]. This phenotype is associated with a reduction in type II iodothyronine deiodinase activity.
Cellular localization	Nucleus.

Images



All lanes : Anti-SECISBP2 antibody (ab210791) at 1/500 dilution

Lane 1 : MCF7 extract

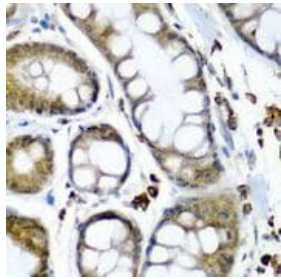
Lane 2 : BT-474 extract

Lane 3 : HeLa extract

Lane 4 : 293T extract

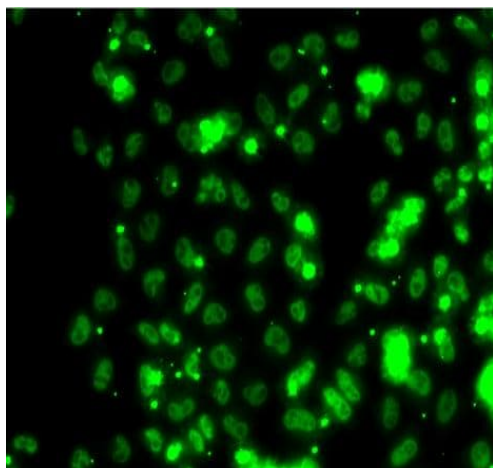
Lane 5 : Mouse thymus

Predicted band size: 95 kDa



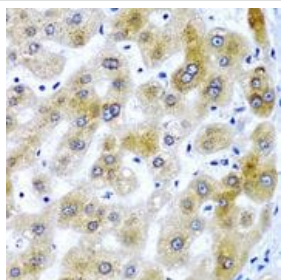
Immunohistochemical analysis of human colon carcinoma tissue paraffin-embedded sections labeling SECISBP2 with ab210791 at a 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SECISBP2 antibody (ab210791)



Immunofluorescent analysis of HeLa cells labeling SECISBP2 with ab210791 at 1/50 dilution.

Immunofluorescence - Anti-SECISBP2 antibody (ab210791)



Immunohistochemical analysis of human liver injury tissue paraffin-embedded sections labeling SECISBP2 with ab210791 at a 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SECISBP2 antibody (ab210791)

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

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