

Product datasheet

Anti-SESN1 antibody ab154121

[2 Images](#)

Overview

Product name	Anti-SESN1 antibody
Description	Rabbit polyclonal to SESN1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 92-356 of Human SESN1 (Q9Y6P5).
Positive control	HeLa, HepG2, HCT116 whole cell lysates; Cal27 xenograft 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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab154121 in the following tested applications.

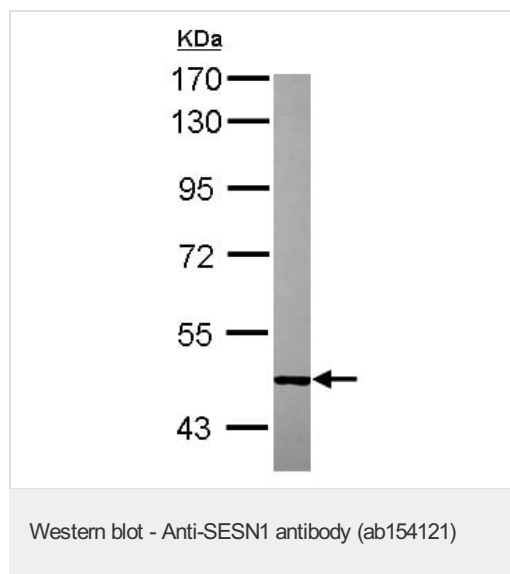
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 57 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0).

Target

Function	Involved in the reduction of peroxiredoxins. May also be regulator of cellular growth.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the sestrin family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

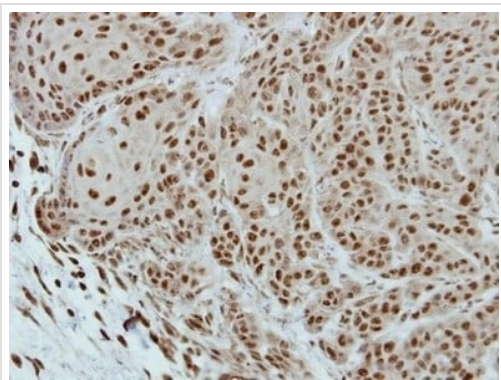
Images



Anti-SESN1 antibody (ab154121) at 1/1000 dilution + HepG2 whole cell lysate at 30 μ g

Predicted band size: 57 kDa

7.5% SDS PAGE



Immunohistochemical analysis of paraffin embedded Cal27 xenograft tissue labeling SESN1 with ab154121 at 1/500.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SESN1 antibody (ab154121)

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

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