

Anti-PSPC1 antibody ab184123

[4 References](#) [3 Images](#)

Overview

Product name	Anti-PSPC1 antibody
Description	Rabbit polyclonal to PSPC1
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment within Human PSPC1 aa 1-176. The exact sequence is proprietary. Database link: Q8WXF1
Positive control	293T, HeLa and HepG2 whole cell lysates. Rat fore brain and mouse hind brain 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	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab184123 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		1/100 - 1/1000.
WB		1/500 - 1/3000. Predicted molecular weight: 59 kDa.

Target

Function

Regulates, cooperatively with NONO and SFPQ, androgen receptor-mediated gene transcription activity in Sertoli cell line (By similarity). Binds to poly(A), poly(G) and poly(U) RNA homopolymers.

Tissue specificity

Expressed in pancreas, kidney, skeletal muscle, liver, lung, placenta, brain and heart.

Sequence similarities

Belongs to the PSPC family.
Contains 2 RRM (RNA recognition motif) domains.

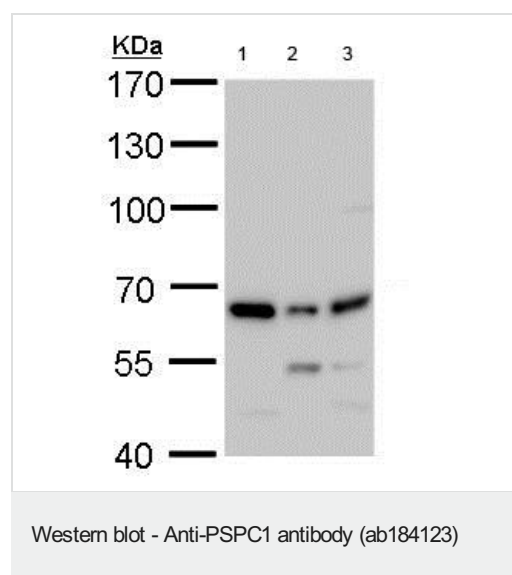
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Nucleus > nucleolus. Nucleus matrix. Cytoplasm. In punctate subnuclear structures often located adjacent to splicing speckles, called paraspeckles. Colocalizes with NONO and SFPQ in paraspeckles and perinucleolar caps in a RNA-dependent manner. May cycles between paraspeckles and nucleolus. In telophase, when daughter nuclei form, localizes to perinucleolar caps.

Images



All lanes : Anti-PSPC1 antibody (ab184123) at 1/2000 dilution

Lane 1 : 293T whole cell lysate

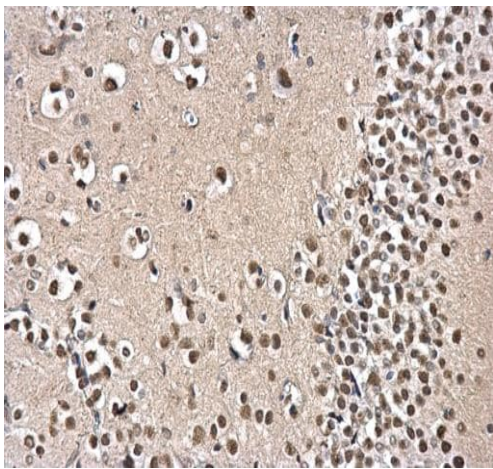
Lane 2 : Hela whole cell lysate

Lane 3 : HepG2 whole cell lysate

Lysates/proteins at 30 µg per lane.

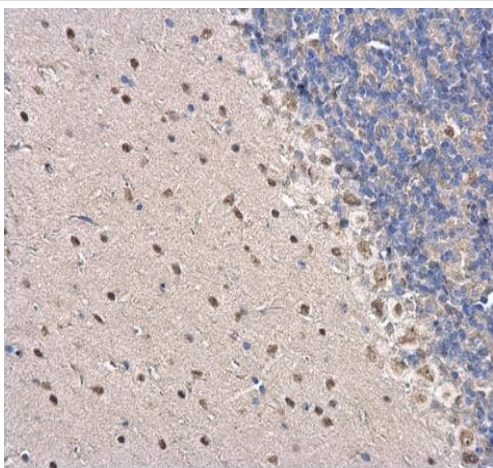
Predicted band size: 59 kDa

7.5% SDS PAGE



Immunohistochemical analysis of paraffin-embedded rat fore brain labeling PSPC1 with ab184123 at 1/500 dilution

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PSPC1 antibody (ab184123)



Immunohistochemical analysis of paraffin-embedded mouse hind brain labeling PSPC1 with ab184123 at 1/500 dilution

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PSPC1 antibody (ab184123)

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

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