


Product datasheet

Anti-PATZ1 antibody ab154025

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

Overview

Product name	Anti-PATZ1 antibody
Description	Rabbit polyclonal to PATZ1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rabbit, Cow 
Immunogen	Recombinant fragment, corresponding to a region within internal sequence amino acids 249-468 of Human PATZ1 (UniProt: Q9HBE1).
Positive control	HepG2, HCT116 cells; A549 and HeLa whole cell lysate (ab150035); HeLa cells; Human N87 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	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154025 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: 74 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

Target

Function

Transcriptional repressor.

Tissue specificity

Ubiquitous.

Involvement in disease

A chromosomal aberration involving PATZ1 is associated with small round cell sarcoma.
Translocation t(1;22)(p36.1;q12) with EWSR1.

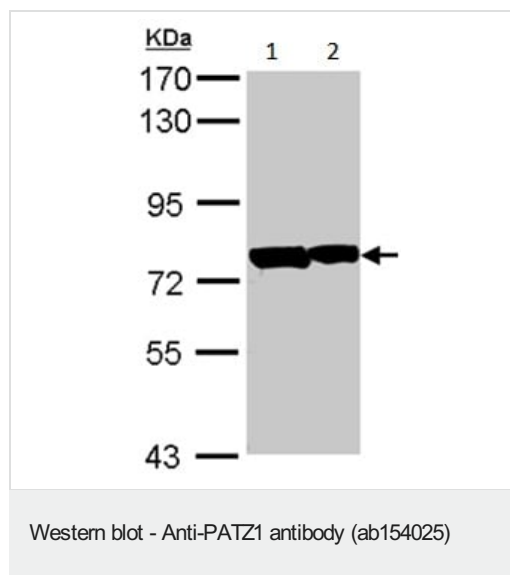
Sequence similarities

Belongs to the krueppel C2H2-type zinc-finger protein family.
Contains 1 A.T hook DNA-binding domain.
Contains 1 BTB (POZ) domain.
Contains 7 C2H2-type zinc fingers.

Cellular localization

Nucleus.

Images



All lanes : Anti-PATZ1 antibody (ab154025) at 1/1000 dilution

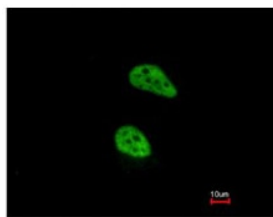
Lane 1 : A549 whole cell lysate

Lane 2 : HeLa whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 74 kDa

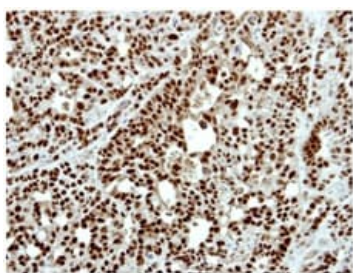
7.5% SDS PAGE



Immunofluorescent analysis of paraformaldehyde-fixed HeLa cells labeling PATZ1 with ab154025 at 1/200 dilution. Lower image shows cells co-stained with Hoechst 33342.



Immunocytochemistry/ Immunofluorescence - Anti-PATZ1 antibody (ab154025)



Immunohistochemical analysis of paraffin-embedded Human N87 xenograft tissue labeling PATZ1 with ab154025 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PATZ1 antibody (ab154025)

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

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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