

Anti-PML+RARA Fusion antibody ab43152

★★★★★ [1 Abreviews](#) [12 References](#) [1 Image](#)

Overview

Product name	Anti-PML+RARA Fusion antibody
Description	Rabbit polyclonal to PML+RARA Fusion
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human PML+RARA Fusion aa 500-600 conjugated to keyhole limpet haemocyanin. (Peptide available as ab46898)
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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab43152 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)	Use at an assay dependent concentration. Predicted molecular weight: 98 kDa.

Target

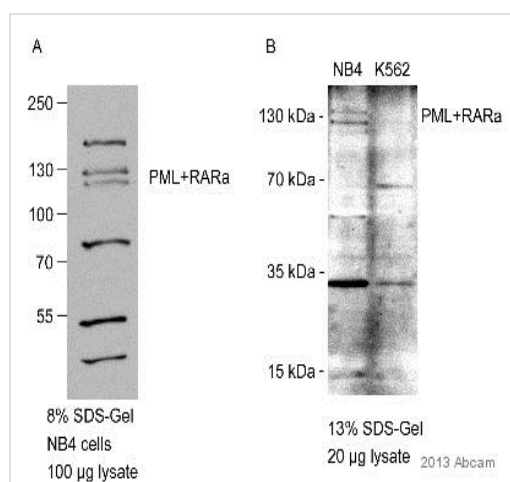
Relevance

PML protein is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This phosphoprotein localizes to nuclear bodies where it functions as a transcription factor and tumor suppressor. Its expression is cell-cycle related and it regulates the p53 response to oncogenic signals. Retinoic acid, a metabolite of vitamin A, is necessary for normal organogenesis but acts as a teratogen at high levels during embryonic and fetal development. Retinoic acid functions through its interaction with the nuclear protein, retinoic acid receptor (RAR). RAR belongs to the steroid and thyroid hormone superfamily of nuclear receptor proteins which exert their effects by binding to specific DNA response elements, thus regulating gene expression in target cells. RAR exists as three major subtypes: alpha, beta and gamma.

Cellular localization

Nuclear and Cytoplasmic

Images



Western blot - Anti-PML+RARα Fusion antibody
(ab43152)

Image courtesy of Christian Marx (University of Jena, Germany)

Anti-PML+ RAR α Fusion antibody (ab43152) reactivity with reduced NB4 (A and B) and K562 (B) cell lysate. After SDS-PAGE (where 100 μ g lysate was loaded in A and 20 μ g lysate in B), membranes were blocked in 5% Milk in PBS + 0.1% Tween for 1h at 25°C before incubation with ab43152 (1:5,000 dilution in 1% Milk PBS + 0.1% Tween) for 16h at 4°C. Blots was then incubated with an anti-Rabbit HRP-conjugated secondary antibody before developing with ECL.

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

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