


Anti-SAP102 antibody ab152132

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

Overview

Product name	Anti-SAP102 antibody
Description	Rabbit polyclonal to SAP102
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Cow 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 525-803 of Human SAP102.
Positive control	293T, A431, H1299, HeLa, HepG2, Molt-4, Raji, Mouse brain cell lysates; A431 cells; A549 xenograft.
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, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab152132 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: 90 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol using 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0).
ICC/IF		1/100 - 1/1000.

Target

Function

Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling.

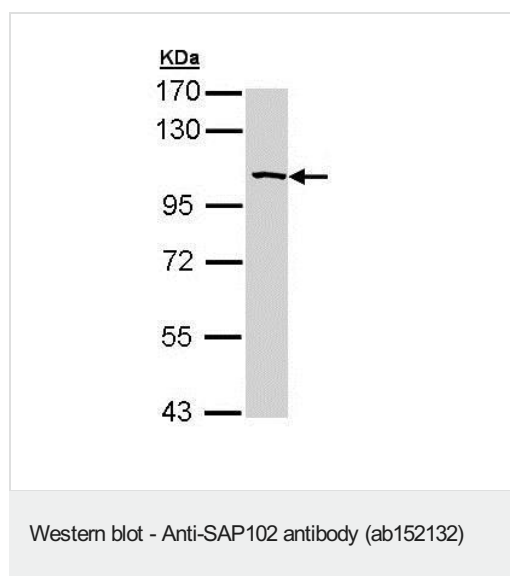
Involvement in disease

Defects in DLG3 are the cause of mental retardation X-linked type 90 (MRX90) [MIM:300189]. Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptive behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs.

Sequence similarities

Belongs to the MAGUK family.
Contains 1 guanylate kinase-like domain.
Contains 3 PDZ (DHR) domains.
Contains 1 SH3 domain.

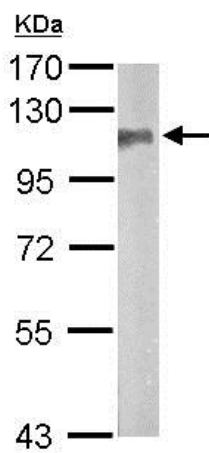
Images



Anti-SAP102 antibody (ab152132) at 1/1000 dilution + Molt-4 whole cell lysate at 30 µg

Predicted band size: 90 kDa

7.5% SDS PAGE

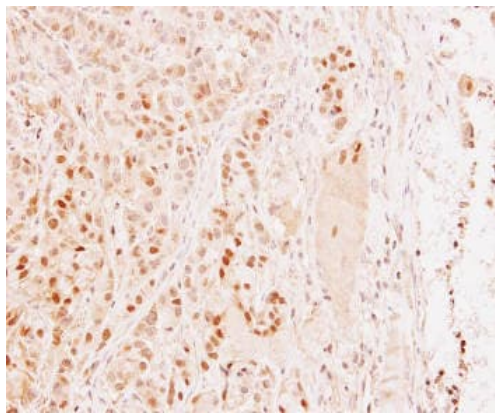


Western blot - Anti-SAP102 antibody (ab152132)

Anti-SAP102 antibody (ab152132) at 1/1000 dilution + Mouse brain whole cell lysate at 50 μ g

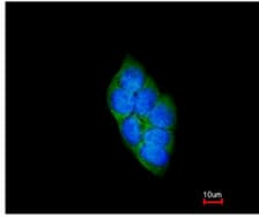
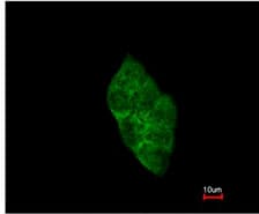
Predicted band size: 90 kDa

7.5% SDS PAGE



Immunohistochemical analysis of paraffin-embedded A549 xenograft labeling SAP102 with ab152132 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SAP102 antibody (ab152132)



Immunofluorescent analysis of methanol-fixed A431 cells labeling SAP102 with ab152132 at 1/200 dilution. Lower panel co-stained with Hoechst 33342.

Immunocytochemistry/ Immunofluorescence - Anti-SAP102 antibody (ab152132)

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