




Product datasheet

Anti-RASL11A antibody ab180997

2 Images

Overview

Product name	Anti-RASL11A antibody
Description	Rabbit polyclonal to RASL11A
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment corresponding to Human RASL11A aa 38-164. Sequence: VGKSAMVRFLTKRFIGDYEPNTGKLYSRLVYVEGDQLSLQ IQDTPGGVQ IQDQLPQVVDLSKCVQWAEGLLVYSITDYDSYLSIRPLY QHIRKVHPD SKAPVIIVGNKGDLLHARQVQTQDGIQ Database link: Q6T310  Run BLAST with  Run BLAST with
Positive control	Human colon tissue.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team</p>

ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

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	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol, 59% PBS
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab180997** in the following tested applications.

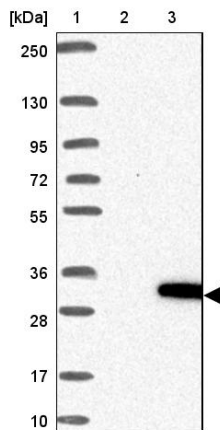
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.04 - 0.4 µg/ml.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Regulator of rDNA transcription. Acts in cooperation UBF/UBTF and positively regulates RNA polymerase I transcription.
Tissue specificity	Widely expressed. Down-regulated in prostate tumors compared to normal prostate tissue. High levels found in colon tumor and normal colon tissue followed by small intestine, liver, jejunum, ileum, bladder and aorta. Lowest levels observed in endothelial cells.
Sequence similarities	Belongs to the small GTPase superfamily. Ras family.
Developmental stage	Down-regulated during development of THP-1 monocytes into macrophages.
Cellular localization	Nucleus > nucleolus. Associates with rDNA transcription unit throughout the cell cycle.

Images



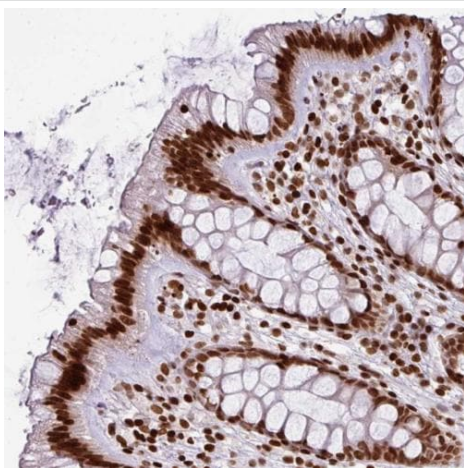
Western blot - Anti-RASL11A antibody (ab180997)

Lanes 2-3 : Anti-RASL11A antibody (ab180997)

Lane 1 : Marker

Lane 2 : HEK293T cell lysate - vector only transfected

Lane 3 : HEK293T cell lysate - overexpressing RASL11A with a C-terminal myc-DDK tag (~3.1kDa)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RASL11A antibody (ab180997)

Immunohistochemical analysis of paraffin-embedded Human colon tissue, labeling RASL11A using ab180997 at a 1/50 dilution.

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

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