


Product datasheet

Anti-srGAP3 antibody ab204408

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Overview

Product name	Anti-srGAP3 antibody
Description	Rabbit polyclonal to srGAP3
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment corresponding to Human srGAP3 aa 900-1000. Database link: O43295 Run BLAST with Run BLAST with
Positive control	IHC-P: Human cerebral cortex, Fallopian tube, colon, urinary bladder, lymph node tissue. ICC/IF: RT4 cells.
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	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

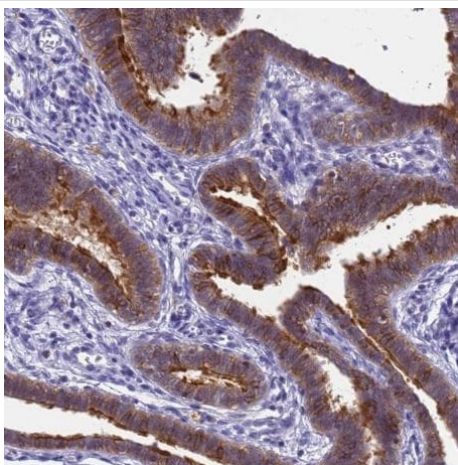
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab204408 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 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	GTPase-activating protein for RAC1 and perhaps Cdc42, but not for RhoA small GTPase. May attenuate RAC1 signaling in neurons.
Tissue specificity	Highly expressed in adult and fetal brain. Expressed at low levels in kidney. Isoform 3 is expressed in the kidney but is absent in the brain.
Involvement in disease	A chromosomal aberration involving SRGAP3 is found in a patient with severe idiopathic mental retardation. Translocation t(X;3)(p11.2;p25).
Sequence similarities	Contains 1 FCH domain. Contains 1 Rho-GAP domain. Contains 1 SH3 domain.
Domain	The F-BAR domain mediates oligomerization, binds membranes, and induces plasma membrane protrusions.

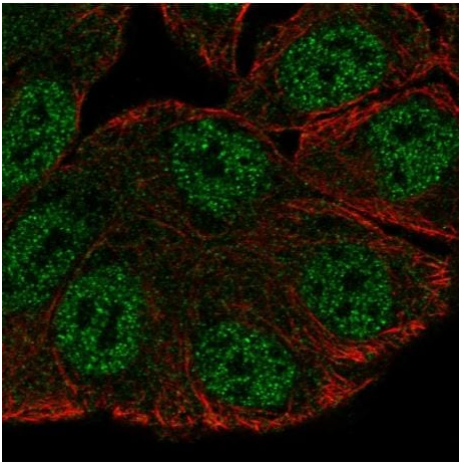
Images



Paraffin embedded human Fallopian tube tissue stained for srGAP3 using ab204408 at 1/200 dilution in immunohistochemical analysis.

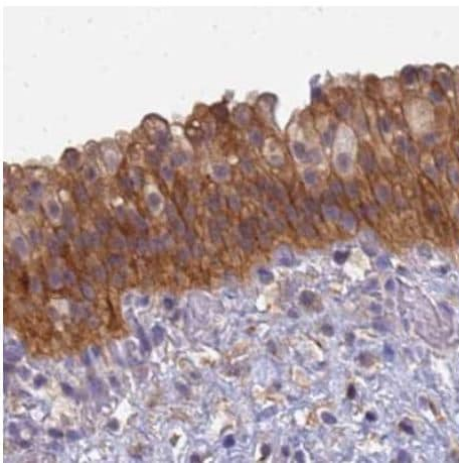
Heat mediated antigen retrieval was performed with citrate buffer pH 6 before the IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-srGAP3 antibody (ab204408)



RT4 cells stained for srGAP3 (green) using ab204408 at 2 µg/ml in ICC/IF.

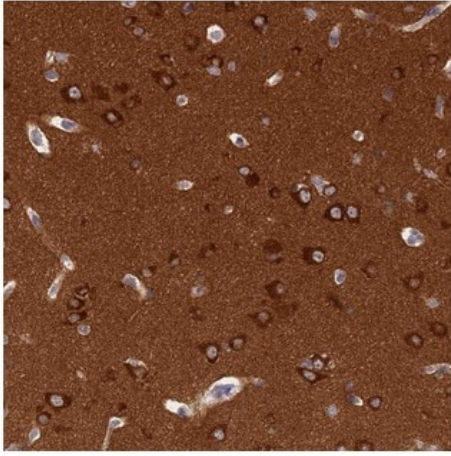
Immunocytochemistry/ Immunofluorescence - Anti-srGAP3 antibody (ab204408)



Paraffin embedded human urinary bladder tissue stained for srGAP3 using ab204408 at 1/200 dilution in immunohistochemical analysis.

Heat mediated antigen retrieval was performed with citrate buffer pH 6 before the IHC staining protocol.

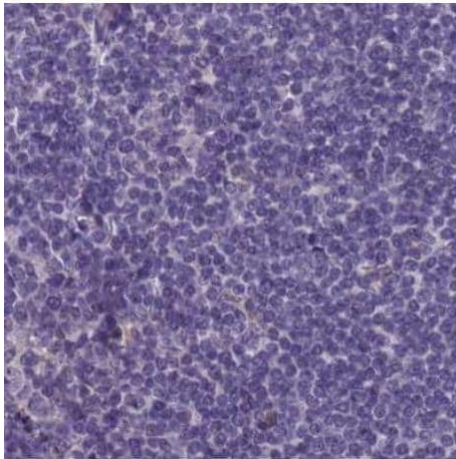
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-srGAP3 antibody (ab204408)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-srGAP3 antibody (ab204408)

Paraffin embedded human cerebral cortex tissue stained for srGAP3 using ab204408 at 1/200 dilution in immunohistochemical analysis.

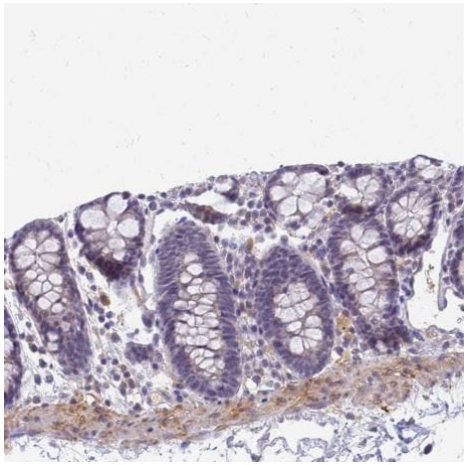
Heat mediated antigen retrieval was performed with citrate buffer pH 6 before the IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-srGAP3 antibody (ab204408)

Paraffin embedded human lymph node tissue stained for srGAP3 using ab204408 at 1/200 dilution in immunohistochemical analysis.

Heat mediated antigen retrieval was performed with citrate buffer pH 6 before the IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-srGAP3 antibody (ab204408)

Paraffin embedded human colon tissue stained for srGAP3 using ab204408 at 1/200 dilution in immunohistochemical analysis.

Shows low expression as expected.

Heat mediated antigen retrieval was performed with citrate buffer pH 6 before the IHC staining protocol.

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