

Product datasheet

Anti-SCML4 antibody ab154011

3 Images

Overview

Product name	Anti-SCML4 antibody
Description	Rabbit polyclonal to SCML4
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 1-237 of Human SCML4 (UniProt ID: Q8N228).
Positive control	SK N SH whole cell lysate; BT483 xenograft tissue; C2C12 xenograft tissue.
General notes	<p>Store as concentrated solution.</p> <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	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab154011 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: 45 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

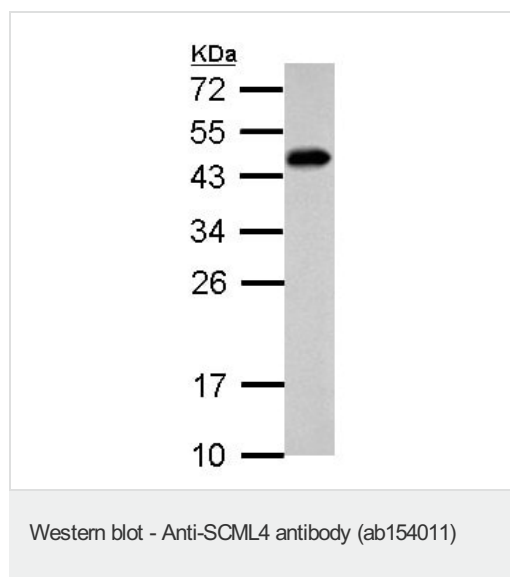
Relevance

SCML4 is a putative Polycomb group (PcG) protein. PcG proteins act by forming multiprotein complexes, which are required to maintain the transcriptionally repressive state of homeotic genes throughout development.

Cellular localization

Nuclear

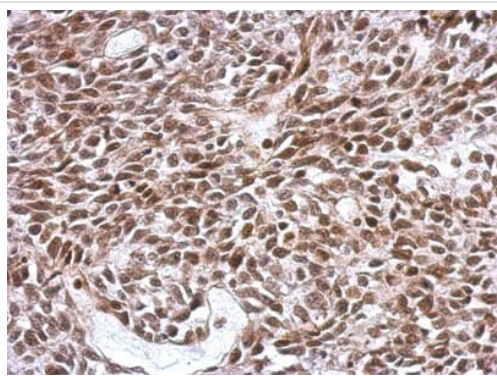
Images



Anti-SCML4 antibody (ab154011) at 1/1000 dilution + SK-N-SH whole cell lysate at 30 µg

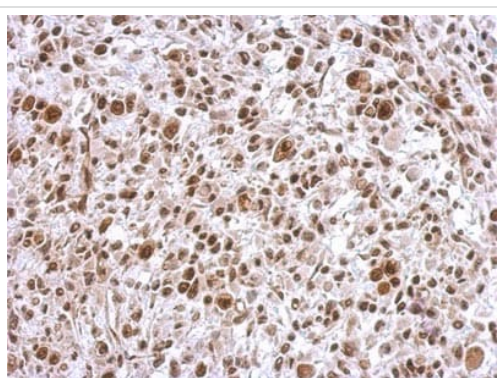
Predicted band size: 45 kDa

12% SDS PAGE



Immunohistochemical analysis of paraffin embedded BT483 xenograft tissue labeling SCML4 with ab154011 at 1/750 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCML4 antibody (ab154011)



Immunohistochemical analysis of paraffin embedded C2C12 xenograft tissue, labeling SCML4 with ab154011 at 1/750 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCML4 antibody (ab154011)

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- 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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