


Anti-Sprouty 4/Spry-4 antibody ab59785

★★★★☆ [2 Abreviews](#) [5 References](#)

Overview

Product name	Anti-Sprouty 4/Spry-4 antibody
Description	Rabbit polyclonal to Sprouty 4/Spry-4
Host species	Rabbit
Specificity	This antibody reacts specifically with human 32 kDa Sprouty 4/Spry-4 protein.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Chicken, Cow 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab59785 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.

Target

Function	Suppresses the insulin receptor and EGFR-transduced MAPK signaling pathway, but does not inhibit MAPK activation by a constitutively active mutant Ras. Probably impairs the formation of GTP-Ras.
Sequence similarities	Belongs to the sprouty family. Contains 1 SPR (sprouty) domain.
Domain	The Cys-rich domain is responsible for the localization of the protein to the membrane ruffles.
Cellular localization	Cytoplasm. Cell projection > ruffle membrane.

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

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