


## Product datasheet

# Anti-CELSR2 antibody - N-terminal ab189045

2 Images

### Overview

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<b>Product name</b>	Anti-CELSR2 antibody - N-terminal
<b>Description</b>	Rabbit polyclonal to CELSR2 - N-terminal
<b>Host species</b>	Rabbit
<b>Specificity</b>	BLAST analysis of the peptide immunogen showed no homology with other Human proteins.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Cow, Dog 
<b>Immunogen</b>	Synthetic peptide corresponding to Human CELSR2 (extracellular). 20 amino acid peptide from N-terminal extracellular domain. NP_001399.1. Database link: <a href="#">Q9HCU4</a>
<b>Positive control</b>	Human brain and colon (epithelium) tissues.
<b>General notes</b>	<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 &amp; 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 &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; 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 ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&amp;As.</p>

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab189045** 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
IHC-P		Use a concentration of 3 - 15 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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## Target

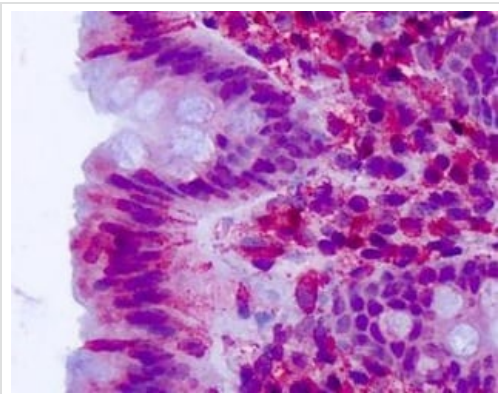
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<b>Function</b>	Receptor that may have an important role in cell/cell signaling during nervous system formation.
<b>Tissue specificity</b>	Highest expression in brain and testis.
<b>Sequence similarities</b>	Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily. Contains 9 cadherin domains. Contains 7 EGF-like domains. Contains 1 GPS domain. Contains 1 laminin EGF-like domain. Contains 2 laminin G-like domains.
<b>Post-translational modifications</b>	The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.
<b>Cellular localization</b>	Cell membrane.

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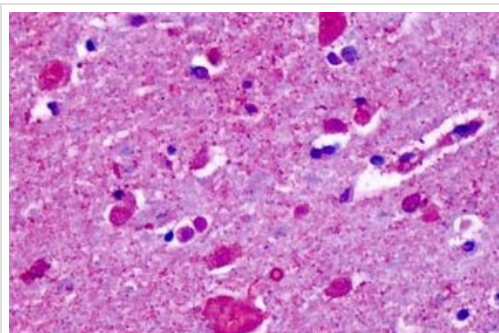
## Images

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Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human colon (epithelium) tissue labeling CELSR2 with ab189045 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CELSR2 antibody - N-terminal (ab189045)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human brain tissue labeling CELSR2 with ab189045 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CELSR2 antibody - N-terminal (ab189045)

**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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

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