




Product datasheet

Anti-NCAM2 antibody ab232923

4 Images

Overview

<b>Product name</b>	Anti-NCAM2 antibody
<b>Description</b>	Rabbit polyclonal to NCAM2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human, Pig <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	<p>Recombinant fragment corresponding to Human NCAM2 aa 21-297. (N-terminal His-tag and GST-tag; Expressed in E.coli).</p> <p>Sequence:</p> <p>LQVTISLSKVELSVGESKFFTCTAIGEPESIDWYNPQGEKII STQRVVVQ KEGVR SRLTIYNANIEDAGIYRCQATDAKGQTQEATVVLEIK QKLTFFREV VSPQEFKQGEDAEVVC RVSSSPAPAVSWLYHNEEVTTIS DNRFAMLANN LQILNINKSDEGIYRCEGRVEARGEIDFRDIVVNVPPAISMP QKSFNA TAERGEEMTFSCRASGSPEPAISWFRNGKLIENEKYILK GSNTELTVRN IINSDGGPYVCRATNKAGEDEKQAF LQ</p> <p>Database link: <a href="#">O15394</a></p> <p style="text-align: right;"> <a href="#">Run BLAST with</a>       <a href="#">Run BLAST with</a></p>
<b>Positive control</b>	IHC-P: Human cerebrum and kidney tissues. WB: Recombinant human NCAM2 protein; Pig and rat brain lysates.
<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>

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

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.

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.

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&As.

## 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>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab232923 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab232923** 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 5 - 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 93 kDa.

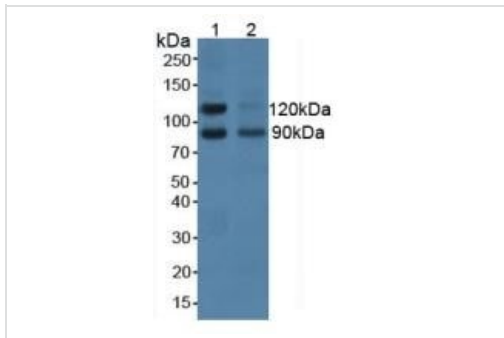
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## Target

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<b>Function</b>	May play important roles in selective fasciculation and zone-to-zone projection of the primary olfactory axons.
<b>Tissue specificity</b>	Expressed most strongly in adult and fetal brain.
<b>Sequence similarities</b>	Contains 2 fibronectin type-III domains. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.
<b>Cellular localization</b>	Cell membrane.

## Images



Western blot - Anti-NCAM2 antibody (ab232923)

**All lanes :** Anti-NCAM2 antibody (ab232923) at 1  $\mu$ g/ml

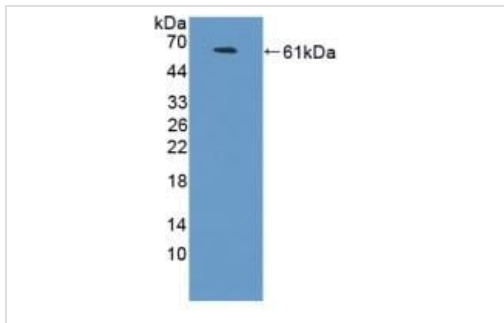
**Lane 1 :** Pig brain lysate

**Lane 2 :** Rat brain lysate

### Secondary

**All lanes :** HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

**Predicted band size:** 93 kDa



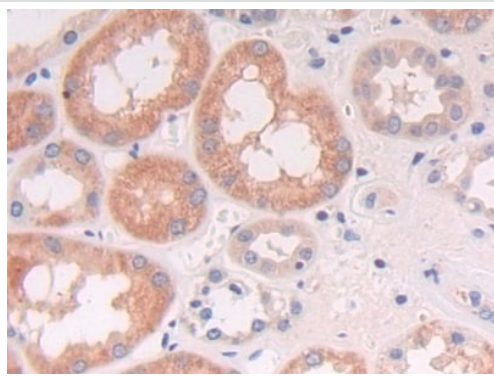
Western blot - Anti-NCAM2 antibody (ab232923)

Anti-NCAM2 antibody (ab232923) at 1  $\mu$ g/ml + Recombinant human NCAM2 protein

### Secondary

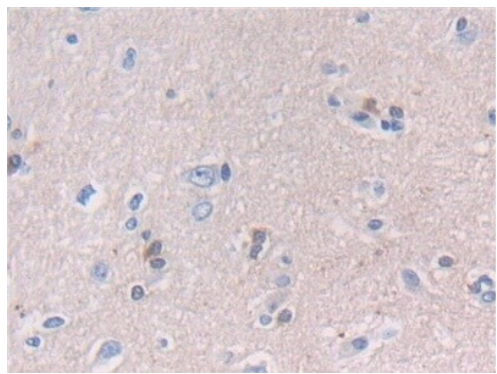
HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

**Predicted band size:** 93 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NCAM2 antibody (ab232923)

Paraffin-embedded human kidney tissue stained for NCAM2 using ab232923 at 20  $\mu$ g/ml in immunohistochemical analysis. DAB staining.



Paraffin-embedded human cerebrum tissue stained for NCAM2 using ab232923 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NCAM2 antibody (ab232923)

**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
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- 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.

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