

## Product datasheet

# Anti-VNN1/Vanin-1 antibody ab205912

[4 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-VNN1/Vanin-1 antibody
<b>Description</b>	Rabbit polyclonal to VNN1/Vanin-1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human VNN1/Vanin-1 aa 300-500. (BC096268). Database link: <a href="#">O95497</a>

 [Run BLAST with](#)

 [Run BLAST with](#)

**Positive control** HepG2 lysate; Human fetal spleen tissue.

### General notes

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.

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

### Properties

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<b>Form</b>	Lyophilized:Reconstitute in 200ul sterile H2O.
<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: 7.20 Preservative: 0.02% Sodium azide Constituents: 98% PBS, 1% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab205912 in the following tested applications.

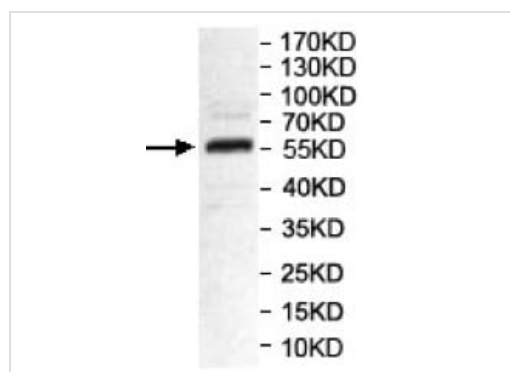
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/200 - 1/1000. Predicted molecular weight: 57 kDa.
IHC-P		1/100 - 1/500.

## Target

<b>Function</b>	Amidohydrolase that hydrolyzes specifically one of the carboamide linkages in D-pantetheine thus recycling pantothenic acid (vitamin B5) and releasing cysteamine.
<b>Tissue specificity</b>	Widely expressed with higher expression in spleen, kidney and blood. Overexpressed in lesional psoriatic skin.
<b>Sequence similarities</b>	Belongs to the CN hydrolase family. BTD/VNN subfamily. Contains 1 CN hydrolase domain.
<b>Cellular localization</b>	Cell membrane.

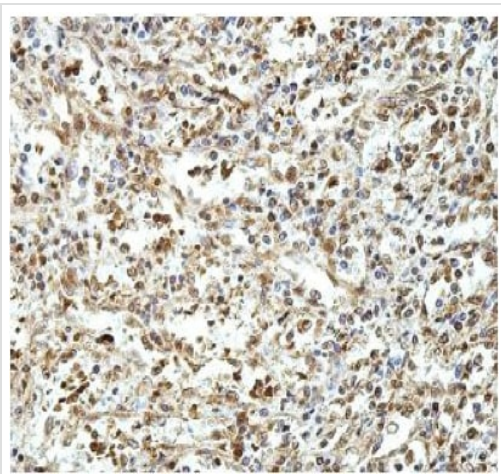
## Images



Anti-VNN1/Vanin-1 antibody (ab205912) at 1/500 dilution + HepG2 lysate

**Predicted band size: 57 kDa**

Western blot - Anti-VNN1/Vanin-1 antibody (ab205912)



Immunohistochemical analysis of formalin-fixed,, paraffin-embedded Human fetal spleen tissue labeling VNN1/Vanin-1 with ab205912 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VNN1/Vanin-1 antibody (ab205912)

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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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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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors