

## Product datasheet

# Anti-XPNPEP1 antibody ab235324

[2 Images](#)

### Overview

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<b>Product name</b>	Anti-XPNPEP1 antibody
<b>Description</b>	Rabbit polyclonal to XPNPEP1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Recombinant full length protein corresponding to Human XPNPEP1 aa 1 to the C-terminus. Database link: <a href="#">Q9NQW7-1</a> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Mouse small intestine, stomach and kidney lysates. IHC-P: Human colon cancer tissue.
<b>General notes</b>	<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&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>	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: PBS, 50% Glycerol (glycerin, glycerine)
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purity >95%.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

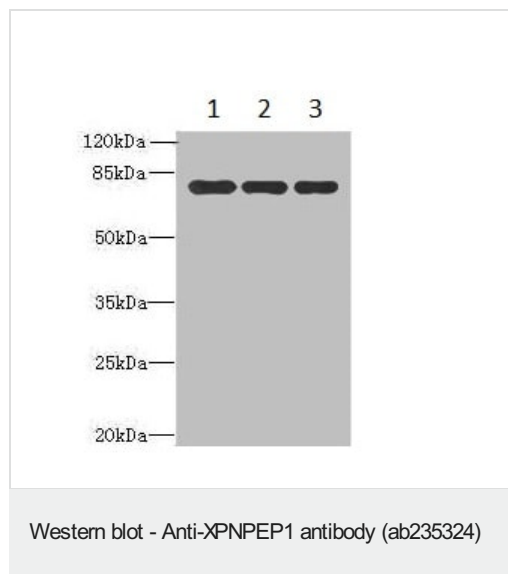
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab235324 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 70 kDa.
IHC-P		1/20 - 1/200.

## Target

<b>Function</b>	Contributes to the degradation of bradykinin. Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro.
<b>Tissue specificity</b>	Expressed in all tissues tested, including pancreas, heart, muscle, kidney, liver, lung and brain. Highest levels in pancreas.
<b>Sequence similarities</b>	Belongs to the peptidase M24B family.
<b>Cellular localization</b>	Cytoplasm.
<b>Form</b>	X-prolyl aminopeptidase is a proline-specific metalloaminopeptidase that specifically catalyzes the removal of any unsubstituted N-terminal amino acid that is adjacent to a penultimate proline residue. There are 2 isoforms produced by alternative splicing.

## Images



**All lanes :** Anti-XPNPEP1 antibody (ab235324) at 1/1000 dilution

**Lane 1 :** Mouse small intestine lysate

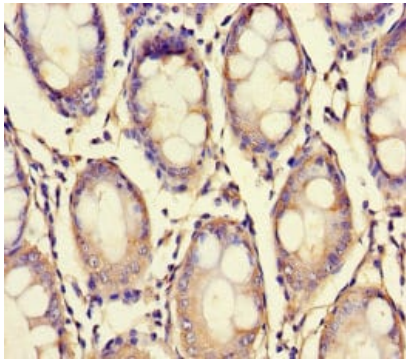
**Lane 2 :** Mouse stomach lysate

**Lane 3 :** Mouse kidney lysate

### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG at 1/10000 dilution

**Predicted band size:** 70 kDa



Paraffin-embedded human colon cancer tissue stained for XPNPEP1 using ab235324 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-XPNPEP1 antibody (ab235324)

**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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- 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.

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