

## Product datasheet

# Anti-Vaspin antibody [EPR23080-232] ab267471

Recombinant RabMAb

[4 Images](#)

### Overview

---

<b>Product name</b>	Anti-Vaspin antibody [EPR23080-232]
<b>Description</b>	Rabbit monoclonal [EPR23080-232] to Vaspin
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IP, WB <b>Unsuitable for:</b> IHC-Fr or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human
<b>Immunogen</b>	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: Rat stomach and Rat skin lysate; His-tagged recombinant Rat Serpin A12 Protein. IP: Rat stomach tissue lysate.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### Properties

---

<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: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR23080-232

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab267471 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
IP		1/30.
WB		1/1000. Predicted molecular weight: 47 kDa.

### Application notes

Is unsuitable for IHC-Fr or IHC-P.

## Target

### Function

May modulates insulin action conceivably only in the presence of its yet undefined target proteases in white adipose tissues.

### Tissue specificity

Expressed in visceral adipose tissues.

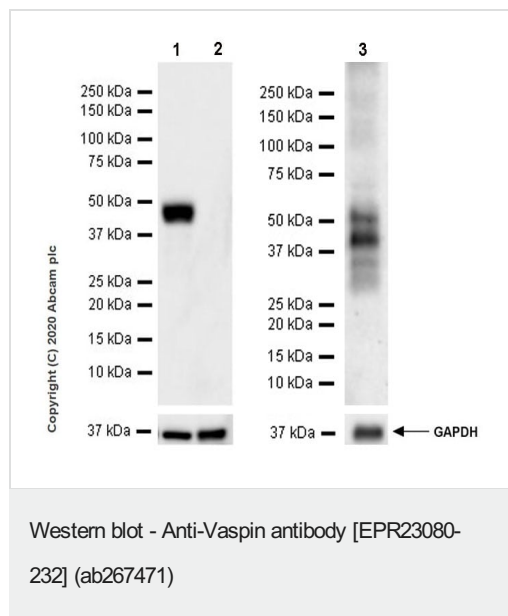
### Sequence similarities

Belongs to the serpin family.

### Cellular localization

Secreted.

## Images



**All lanes** : Anti-Vaspin antibody [EPR23080-232] (ab267471) at 1/1000 dilution

**Lane 1** : Rat stomach tissue lysate at 20 µg

**Lane 2** : Rat kidney tissue lysate at 20 µg

**Lane 3** : Rat skin tissue lysate at 60 µg

### Secondary

**Lanes 1-2** : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (**ab97051**) at 1/50000 dilution

**Lane 3** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/50000 dilution

**Predicted band size:** 47 kDa

**Observed band size:** 42,47 kDa

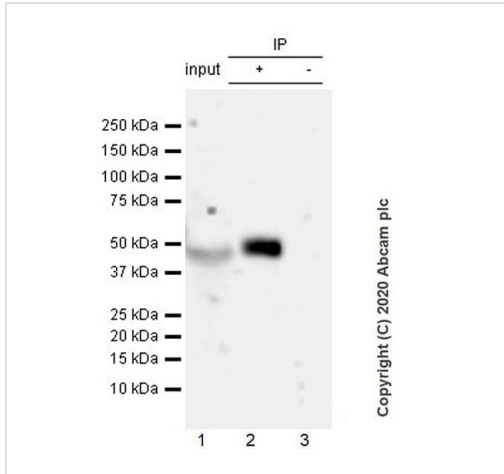
Blocking and diluting buffer and concentration: 5% NFDm/TBST

The band of 42kDa is the endogenously cleaved form.

The expression profile/molecular weight observed is consistent with what has been described in the literature (PMID: 19554505, 16030142, 26199422).

Negative control: kidney (PMID: 19554505).

Exposure time: lane1-2: 59 seconds lane 3: 3 minutes



Immunoprecipitation - Anti-Vaspin antibody [EPR23080-232] (ab267471)

Vaspin was immunoprecipitated from 0.35 mg Rat stomach tissue lysate with ab267471 at 1/30 dilution (2ug in 0.35mg lysates).

Western blot was performed on the immunoprecipitate using ab267471 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP)([ab131366](#)) was used at 1/5000 dilution.

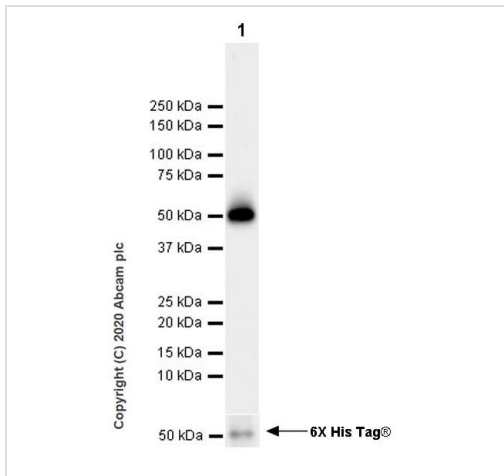
Lane 1: Rat stomach tissue lysate 10ug

Lane 2: ab267471 IP in Rat stomach tissue lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab267471 in Rat stomach tissue lysate

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 3 minutes



Western blot - Anti-Vaspin antibody [EPR23080-232] (ab267471)

Anti-Vaspin antibody [EPR23080-232] (ab267471) at 1/1000 dilution + His-tagged recombinant Rat Serpin A12 Protein (aa20-411),

### Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/100000 dilution

**Predicted band size:** 47 kDa

**Observed band size:** 47 kDa

Blocking and diluting buffer and concentration: 5% NFDm/TBST

Exposure time: 26 seconds

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Vaspin antibody [EPR23080-232] (ab267471)

**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

---

- 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

---

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