


## Product datasheet

# Anti-BNIP1 antibody [EPR10024] ab151551

Recombinant RabMAb

[1 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Anti-BNIP1 antibody [EPR10024]
<b>Description</b>	Rabbit monoclonal [EPR10024] to BNIP1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	C6, L6, PC-12, A431, Ramos, HepG2 and Jurkat cell lysates; Human brain tissue.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR10024

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab151551 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		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/1000 - 1/10000. Predicted molecular weight: 26 kDa.

### Application notes

Is unsuitable for Flow Cyt, ICC/IF or IP.

## Target

### Function

SNARE that may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER. Required for maintenance of ER network. Implicated in the suppression of cell death.

### Tissue specificity

Isoform 1 is highly expressed in heart, brain, liver skeletal muscle and pancreas. Isoform 3 is moderately expressed in placenta, lung and kidney. Isoform 4 is highly expressed in testis and small intestine.

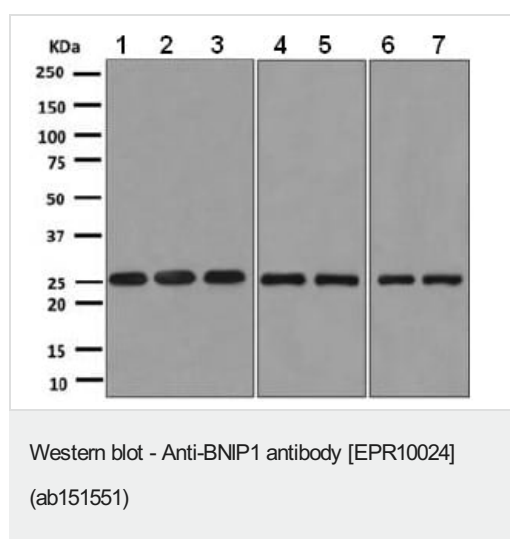
### Sequence similarities

Belongs to the SEC20 family.

### Cellular localization

Endoplasmic reticulum membrane.

## Images



**All lanes** : Anti-BNIP1 antibody [EPR10024] (ab151551) at 1/1000 dilution

**Lane 1** : C6 cell lysate

**Lane 2** : L6 cell lysate

**Lane 3** : PC12 cell lysate

**Lane 4** : A431 cell lysate

**Lane 5** : Ramos cell lysate

**Lane 6** : HepG2 cell lysate

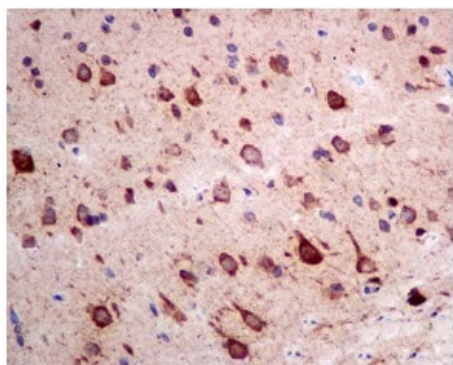
**Lane 7** : Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : HRP labeled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 26 kDa



Immunohistochemical analysis of paraffin-embedded Human brain tissue labeling BNIP1 with ab151551 at 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BNIP1 antibody [EPR10024] (ab151551)

#### 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-BNIP1 antibody [EPR10024] (ab151551)

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

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