




## Product datasheet

# Anti-GDI2 antibody ab234986

★★★★☆ [1 Abreviews](#) [1 References](#) [3 Images](#)

### Overview

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<b>Product name</b>	Anti-GDI2 antibody
<b>Description</b>	Rabbit polyclonal to GDI2
<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>Predicted to work with:</b> Rat, Cow, Dog, Pig, Orangutan 
<b>Immunogen</b>	Recombinant full length protein corresponding to Human GDI2 aa 1 to the C-terminus. Database link: <a href="#">P50395</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Mouse brain lysate; HepG2 and MCF7 whole cell lysates. IHC-P: Human gastric cancer and breast cancer tissues.
<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: 50% Glycerol (glycerin, glycerine), PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purity >95%.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab234986 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)	1/500 - 1/5000. Predicted molecular weight: 51 kDa.
IHC-P		1/20 - 1/200.

## Target

### Function

Regulates the GDP/GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.

### Tissue specificity

Ubiquitous.

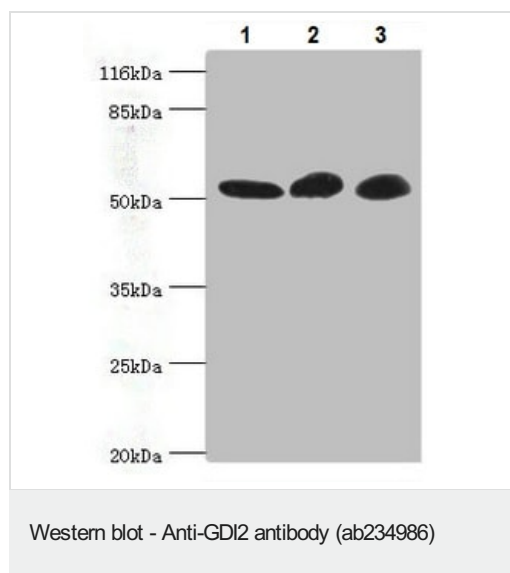
### Sequence similarities

Belongs to the Rab GDI family.

### Cellular localization

Cytoplasm. Membrane.

## Images



**All lanes** : Anti-GDI2 antibody (ab234986) at 1/500 dilution

**Lane 1** : Mouse brain lysate

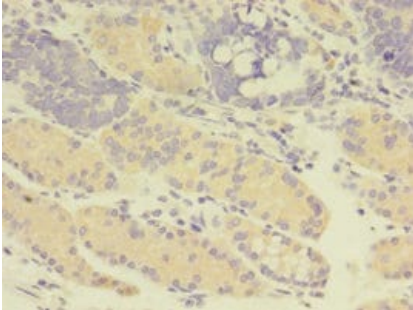
**Lane 2** : HepG2 (human liver hepatocellular carcinoma cell line) whole cell lysate

**Lane 3** : MCF7 (human breast adenocarcinoma cell line) whole cell lysate

### Secondary

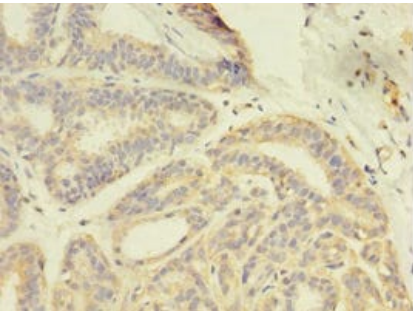
**All lanes** : Goat polyclonal to rabbit at 1/10000 dilution

**Predicted band size:** 51 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GD12 antibody (ab234986)

Paraffin-embedded human gastric cancer tissue stained for GD12 using ab234986 at 1/100 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GD12 antibody (ab234986)

Paraffin-embedded human breast cancer tissue stained for GD12 using ab234986 at 1/100 dilution in immunohistochemical analysis.

**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.

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