




## Product datasheet

### Anti-GBA2 antibody ab205064

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#### Overview

<b>Product name</b>	Anti-GBA2 antibody
<b>Description</b>	Rabbit polyclonal to GBA2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Recombinant fragment corresponding to Human GBA2 aa 700 to the C-terminus. (BC011363). Database link: <a href="#">Q9HCG7</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	HeLa and HepG2 cell lysates; Human fetal colon 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

<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

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab205064 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		1/100 - 1/500.
WB		1/200 - 1/1000. Detects a band of approximately 98 kDa (predicted molecular weight: 104 kDa).

## Target

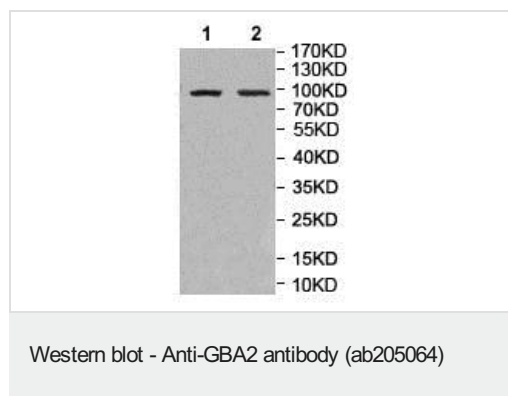
### Relevance

GBA2 is a non-lysosomal glucosylceramidase that catalyzes the conversion of glucosylceramide to free glucose and ceramide. It is involved in sphingomyelin generation and prevention of glycolipid accumulation. GBA2 may also catalyze the hydrolysis of bile acid 3-O-glucosides, however, the relevance of such activity is unclear in vivo.

### Cellular localization

Cell membrane; Single-pass membrane protein. Note=Not localized to lipid rafts.

## Images



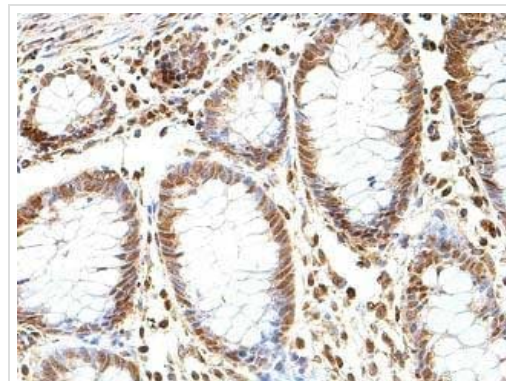
**All lanes :** Anti-GBA2 antibody (ab205064) at 1/500 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** HepG2 cell lysate

**Predicted band size:** 104 kDa

**Observed band size:** 98 kDa



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human fetal colon tissue labeling GBA2 with ab205064 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GBA2 antibody (ab205064)

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

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