




Product datasheet

Anti-GNG2 antibody ab198225

2 Images

Overview

<b>Product name</b>	Anti-GNG2 antibody
<b>Description</b>	Rabbit polyclonal to GNG2
<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> Cow, Orangutan 
<b>Immunogen</b>	Fusion protein corresponding to Human GNG2 aa 1-71. The identity of the protein fusion partner is GST. Sequence: MASNNTASIAQARKLVEQLKMEANIDRIKVSAAAADLMAY CEAHAKEDPL LTPVPAENPFREKKFFCAIL  Database link: <a href="#">P59768</a>   <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	Mouse paranephros tissue lysate; Human brain tissue.
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as</p>

customer reviews and Q&As.

## 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: 7.4 Preservative: 0.05% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab198225** 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		1/500 - 1/2000. Predicted molecular weight: 8 kDa.
IHC-P		1/50 - 1/200.

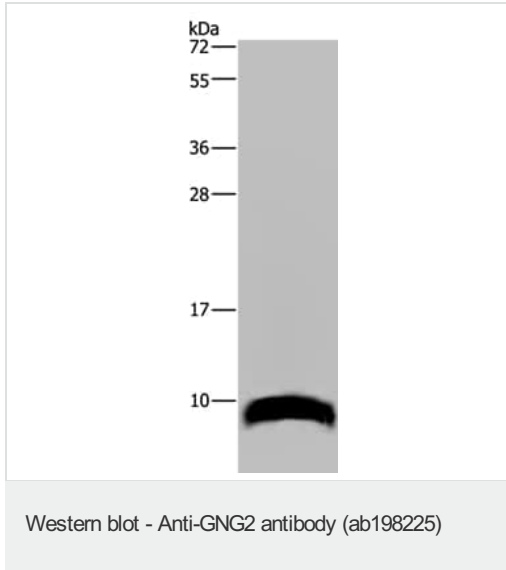
## Target

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<b>Function</b>	Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.
<b>Tissue specificity</b>	Expressed in fetal tissues, including testis, adrenal gland, brain, white blood cells and brain.
<b>Sequence similarities</b>	Belongs to the G protein gamma family.
<b>Cellular localization</b>	Cell membrane.

## Images

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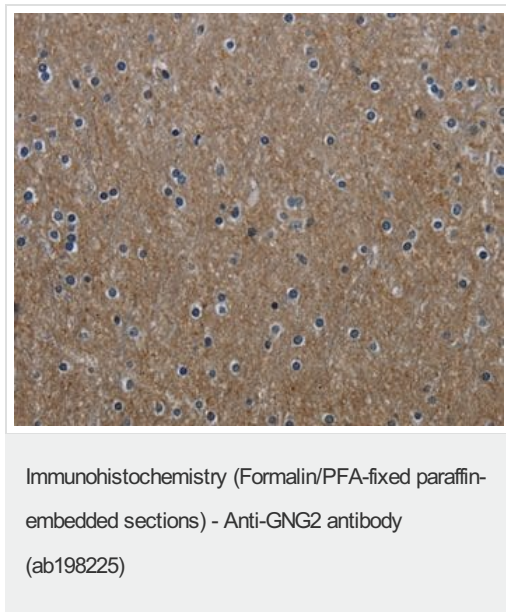
Anti-GNG2 antibody (ab198225) at 1/300 dilution + Mouse paranephros tissue lysate at 40  $\mu$ g

Developed using the ECL technique.

**Predicted band size:** 8 kDa

**Exposure time:** 5 minutes

Gel: 10% SDS-PAGE



Immunohistochemical analysis of paraffin-embedded Human brain tissue labeling GNG2 with ab198225 at 1/60 dilution.

**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
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- Extensive multi-media technical resources to help you
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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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