

## Product datasheet

### Anti-GORASP2/GRASP55 antibody ab68713

★★★★★ [1 Abreviews](#) [1 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-GORASP2/GRASP55 antibody
<b>Description</b>	Mouse polyclonal to GORASP2/GRASP55
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein within Human GORASP2/GRASP55. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b><a href="#">contact</a></b> our Scientific Support team to discuss your requirements. (NP_056345.3, 1 a.a. ~ 452 a.a)
<b>Positive control</b>	mouse neural stem cell lysate, GORASP2/GRASP55 transfected 293T lysate.
<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>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.4 Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab68713 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 - 1/1000. Detects a band of approximately 52 kDa (predicted molecular weight: 48 kDa).

## Target

### Function

May be involved in assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after mitotic breakdown. May regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane TGFA.

### Sequence similarities

Belongs to the GORASP family.  
Contains 1 PDZ (DHR) domain.

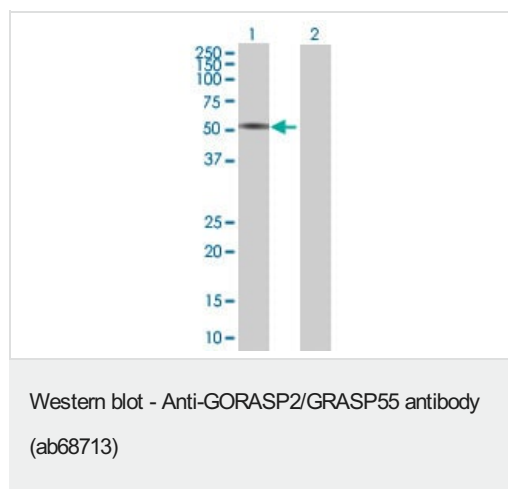
### Post-translational modifications

Myristoylated. Myristoylation is essential for the Golgi targeting.  
Palmitoylated.  
Phosphorylated in mitotic cells.

### Cellular localization

Golgi apparatus membrane.

## Images



**All lanes** : Anti-GORASP2/GRASP55 antibody (ab68713) at 1/500 dilution

**Lane 1** : GORASP2 / GRASP5 transfected 293T lysate

**Lane 2** : Non-transfected 293T lysate

Lysates/proteins at 25 µg per lane.

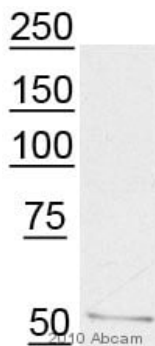
### Secondary

**Lane 1** : Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

**Lane 2** : Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

**Predicted band size:** 48 kDa

**Observed band size:** 52 kDa



Western blot - Anti-GORASP2/GRASP55 antibody (ab68713)

This image is courtesy of an abreview submitted by Melina Reisenberg, King's College London, United Kingdom

Anti-GORASP2/GRASP55 antibody (ab68713) at 1/500 dilution + neural stem cell lysate at 30 µg

#### Secondary

Peroxidase labeled horse anti-mouse IgG (H+L) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 48 kDa

**Observed band size:** 55 kDa

**Exposure time:** 10 minutes

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

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