


Product datasheet

Anti-GCOM1 antibody ab74771

1 Image

Overview

<b>Product name</b>	Anti-GCOM1 antibody
<b>Description</b>	Rabbit polyclonal to GCOM1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog 
<b>Immunogen</b>	A synthetic peptide corresponding to a region of human GCOM1
<b>Positive control</b>	721_B cel lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab74771 is purified by peptide affinity chromatography method.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab74771** in the following tested applications.

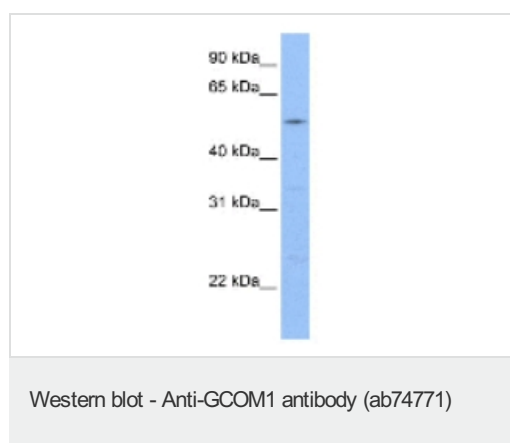
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 52 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	Plays a role in cellular signaling via Rho-related GTP-binding proteins and subsequent activation of transcription factor SRF (By similarity). Targets TJP1 to cell junctions. In cortical neurons, may play a role in glutaminergic signal transduction through interaction with the NMDA receptor subunit GRIN1.
<b>Tissue specificity</b>	Detected in heart, liver, skeletal muscle, placenta, small intestine, lung, prostate and testis.
<b>Sequence similarities</b>	Belongs to the MYZAP family.
<b>Cellular localization</b>	Cytoplasm > cytoskeleton. Cell membrane. Cytoplasm > myofibril > sarcomere > I band. Cytoplasm > myofibril > sarcomere > Z line. Cell junction. Detected predominantly at the intercalated disk in cardiomyocytes, and at low levels on sarcomeric Z disks. Colocalizes with F-actin. Colocalizes with cortical actin.

## Images



Anti-GCOM1 antibody (ab74771) at 1 µg/ml +  
721\_B cell lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000  
dilution

**Predicted band size:** 52 kDa

**Observed band size:** 52 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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