

Product datasheet

# Anti-Gliomedin antibody ab28675

1 Image

## Overview

<b>Product name</b>	Anti-Gliomedin antibody
<b>Description</b>	Rabbit polyclonal to Gliomedin
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide: LVGKADEKASEHHSPQA , corresponding to Internal sequence amino acids 160-176 of Human Gliomedin <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human liver tumour.

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab28675** 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. Detects a band of approximately 50 kDa (predicted molecular weight: 48 kDa).

## Target

---

### Relevance

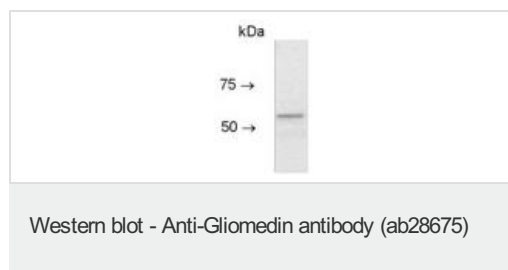
Gliomedin is a member of the collagen superfamily, it is a glial ligand for neurofascin and NrCAM, two axonal immunoglobulin cell adhesion molecules that are associated with Na<sup>+</sup> channels at the nodes of Ranvier. Gliomedin provides a glial cue for the formation of peripheral nodes of Ranvier. Gliomedin is expressed by myelinating Schwann cells and accumulates at the edges of each myelin segment during development, where it aligns with the forming nodes of Ranvier. Eliminating the expression of gliomedin or the addition of a soluble extracellular domain of neurofascin to myelinating cultures abolishes node formation. Gliomedin is expressed in the PNS nodes of Ranvier, but not in the CNS nodes of Ranvier. Gliomedin also displays high expression in murine and human hepatocellular carcinomas (HCC). Its restricted expression in normal tissues and unique early upregulation during tumor development make it an excellent candidate as a new clinical marker of HCC.

### Cellular localization

Cell Membrane and Cytoplasmic

## Images

---



Anti-Gliomedin antibody (ab28675) at 1/500 dilution + Human liver tumour

**Predicted band size:** 48 kDa

**Observed band size:** 56 kDa

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

## 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
- 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.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors