

Datasheet for ABIN630269  
**anti-GJC1 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µg
Target:	GJC1
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJC1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	GJC1 antibody was raised using the N terminal of GJC1 corresponding to a region with amino acids IFRILVLATVGGAVFEDEQEEFVCNTLQPGCRQTCYDRAFPVSHYRFWLF
Specificity:	GJC1 antibody was raised against the N terminal of GJC1
Purification:	Purified

## Target Details

Target:	GJC1
Alternative Name:	GJC1 ( <a href="#">GJC1 Products</a> )
Background:	CX31.9 is a member of the large family of connexins that are required for the formation of gap junctions. Six connexin monomers form a hemichannel, or connexon, on the cell surface. This connexon can interact with a connexon from a neighboring cell, thus forming a channel linking

## Target Details

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the cytoplasm of the 2 cells.

Molecular Weight: 32 kDa (MW of target protein)

Pathways: [Cell-Cell Junction Organization](#)

## Application Details

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Application Notes: WB: 5 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: GJC1 Blocking Peptide, catalog no. 33R-3961, is also available for use as a blocking control in assays to test for specificity of this GJC1 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GJC1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** GJC1 antibody used at 5 ug/ml to detect target protein.