



[Go to Product page](#)

Datasheet for ABIN2774871  
**anti-GJC1 antibody (N-Term)**

1 Image

1 Publication

### Overview

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

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GJC1
Sequence:	IFRILVLATV GGAVFEDEQE EFVCNTLQPG CRQTCYDRAF PVSHYRFWLF
Predicted Reactivity:	Horse: 86%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GJC1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

### Target Details

Target:	GJC1
Alternative Name:	GJC1 ( <a href="#">GJC1 Products</a> )

## Target Details

---

Background:	<p>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 the cytoplasm of the 2 cells.</p> <p>Alias Symbols: GJC1, GJA11, CX31.9, Cx30.2</p> <p>Protein Interaction Partner: TJP1,</p> <p>Protein Size: 295</p>
Molecular Weight:	32 kDa
Gene ID:	125111
NCBI Accession:	<a href="#">NM_152219</a> , <a href="#">NP_689343</a>
UniProt:	<a href="#">Q6ZUW6</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a>

## Application Details

---

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 295 AA
Restrictions:	For Research Use only

## Handling

---

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

---

Product cited in: Harden, Perez-Carrion, Babakordi, Plummer, Hepburn, Barker, Wright, Evans, Corfe: "Evaluation of the salivary proteome as a surrogate tissue for systems biology approaches to understanding appetite." in: **Journal of proteomics**, Vol. 75, Issue 10, pp. 2916-23, (2012) ([PubMed](#)).

## Images

---



### Western Blotting

**Image 1.** WB Suggested Anti-GJC1 Antibody Titration: 5.0ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate