

Datasheet for ABIN671466  
**anti-GJC1 antibody (AA 81-130)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	GJC1
Binding Specificity:	AA 81-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Connexin-45
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Pig
Purification:	Purified by Protein A.

## Target Details

Target:	GJC1
Alternative Name:	Connexin-45 ( <a href="#">GJC1 Products</a> )
Background:	Synonyms: CX45, GJA7, Gap junction gamma-1 protein, Connexin-45, Gap junction alpha-7

## Target Details

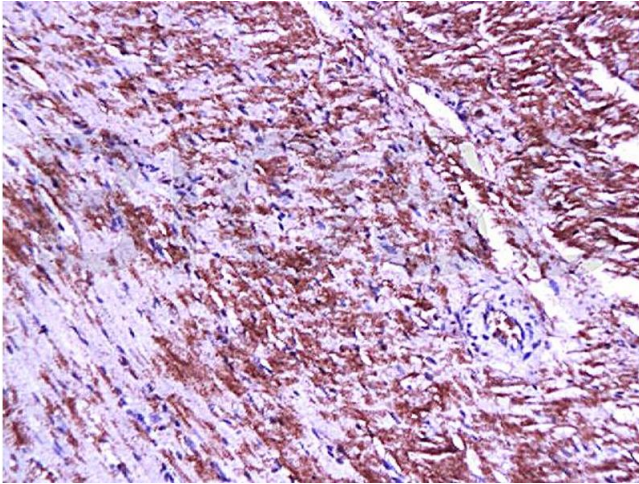
	protein, GJC1
	Background: One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.
Gene ID:	10052
UniProt:	<a href="#">P36383</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400
Restrictions:	For Research Use only

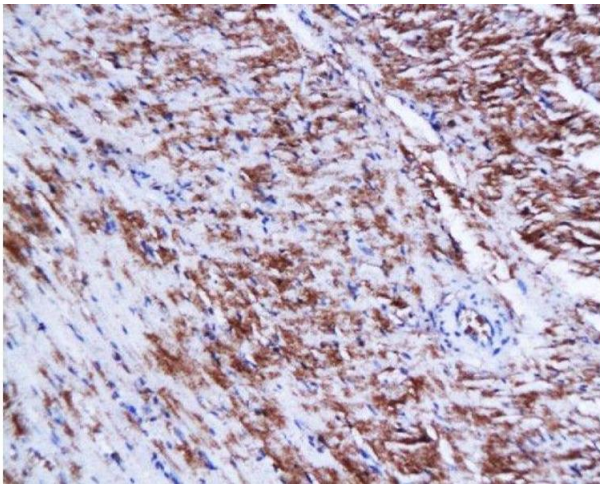
## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse heart tissue labeled Anti-Connexin-45 Polyclonal Antibody, Unconjugated (ABIN671466) at 1:200, followed by conjugation to the secondary antibody and DAB staining



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin embedded mouse heart tissue labeled Anti-Connexin-45 Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining