

Datasheet for ABIN7307816  
**anti-Cx40/GJA5 antibody**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	Cx40/GJA5 (GJA5)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cx40/GJA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Purpose:	Rabbit polyclonal antibody to Connexin 40
Immunogen:	Recombinant full length protein of human Connexin 40
Specificity:	Recognizes endogenous levels of Connexin 40 protein.
Characteristics:	Rabbit polyclonal antibody to Connexin 40
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	Cx40/GJA5 (GJA5)
Alternative Name:	Connexin 40 ( <a href="#">GJA5 Products</a> )
Background:	Gap junction alpha-5 protein, Connexin-40, Cx40
Gene ID:	2702

## Target Details

UniProt: [P36382](#)

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

## Application Details

Application Notes: WB (1:500 - 1:2000), IF/IC (1:50 - 1:200)

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

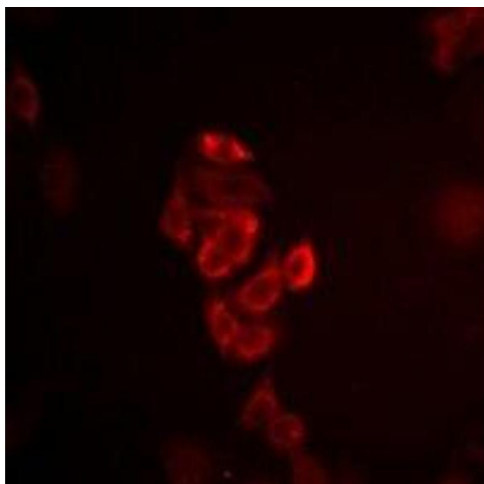
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

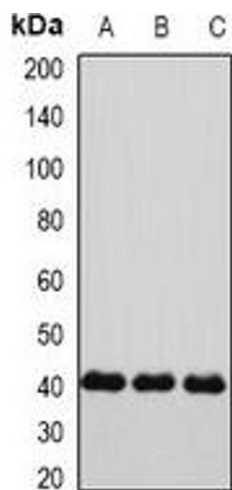
Expiry Date: 12 months

## Images



### Immunofluorescence

**Image 1.** Immunofluorescent analysis of Connexin 40 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary an



Western Blotting

**Image 2.** Western blot analysis of Connexin 40 expression in HepG2 (A), mouse heart (B), rat heart (C) whole cell lysates.