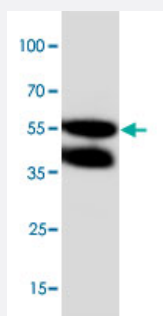


# GJA5 polyclonal antibody

Catalog # PAB19102      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of rat heart tissue with GJA5 polyclonal antibody (Cat # PAB19102).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of GJA5.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human GJA5.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Rat
<b>Form</b>	Lyophilized
<b>Purification</b>	Immunoaffinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Western Blot (1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

**Storage Instruction**

Store at -20°C on dry atmosphere.  
After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of rat heart tissue with GJA5 polyclonal antibody (Cat # PAB19102).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

## Gene Info — GJA5

**Entrez GeneID**
[2702](#)
**Gene Name**

GJA5

**Gene Alias**

CX40, MGC11185

**Gene Description**

gap junction protein, alpha 5, 40kDa

**Omim ID**
[108770](#) [121013](#)
**Gene Ontology**
[Hyperlink](#)
**Gene Summary**

This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene may be associated with atrial fibrillation. Alternatively spliced transcript variants encoding the same isoform have been described. [provided by RefSeq]

**Other Designations**

OTTHUMP00000015905|connexin 40

## Disease

- [Atrial Fibrillation](#)
- [Brain Ischemia](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Tachycardia](#)