

AP0876

Leader in Biomolecular Solutions for Life Science



# Phospho-Connexin 43-S368 Rabbit pAb

Catalog No.: AP0876

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

43kDa

### Category

Polyclonal Antibody

### Applications

IHC-P,ELISA

### Cross-Reactivity

Mouse,Rat

## Background

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. The encoded protein is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development. A related intronless pseudogene has been mapped to chromosome 5. Mutations in this gene have been associated with oculodentodigital dysplasia, autosomal recessive craniometaphyseal dysplasia and heart malformations.

## Recommended Dilutions

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

2697

### Swiss Prot

P17302

### Immunogen

A synthetic phosphorylated peptide around S368 of human GJA1 (NP\_000156.1).

### Synonyms

HSS; CMDR; CX43; EKVP; GJAL; ODDD; AVSD3; EKVP3; HLHS1; PPKCA; Phospho-Connexin 43-S368

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

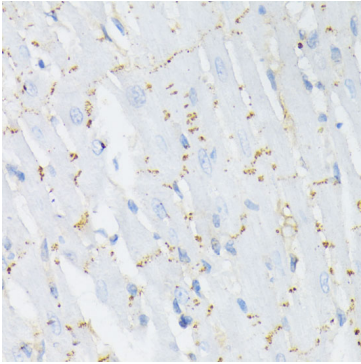
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

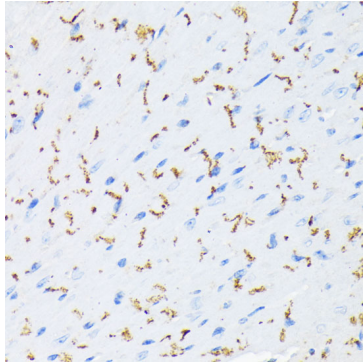
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Rat heart using Phospho-Connexin 43-S368 Rabbit pAb (AP0876) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse heart using Phospho-Connexin 43-S368 Rabbit pAb (AP0876) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.