

## GJA1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:5000

**Calculated MW:**43kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human GJA1

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HSS; CMDR; CX43; GJAL; ODDD; AVSD3; HLHS1; DFNB38

**Catalog #:**A0084

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2697

**Isotype:**IgG

**Swiss Prot:**P17302

**Purity:**Affinity purification

For research use only.

**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 and heart malformations. [provided by RefSeq, Jul 2008]

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