
Product Name: Connexin 43/GJA1 Rabbit Monoclonal Antibody**Catalog #: AMRe87760**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:500,IP 1:20-1:50
Molecular Weight	Calculated MW:43 kDa; Observed MW:43 kDa

Antigen Information

Gene Name	Connexin 43/GJA1
Alternative Names	HSS; CMDR; CX43; EKVP; GJAL; ODDD; AVSD3; EKVP3; HLHS1; PPKCA
Gene ID	2697
SwissProt ID	P17302
Immunogen	Recombinant protein of human Connexin 43/GJA1

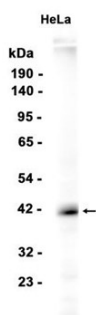
Background

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

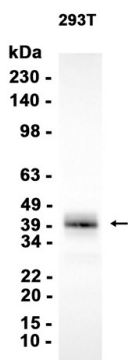
encoded protein is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development. A related intronless pseudogene has been mapped to chromosome 5. Mutations in this gene have been associated with oculodentodigital dysplasia, autosomal recessive craniometaphyseal dysplasia and heart malformations. [provided by RefSeq, May 2014]

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using Connexin 43/GJA1 Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from 293T cells using AMRe87760 at 1:1000.