GJC3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Gjc3, Polyclonal Antibody
Full Product Name	Gjc3 Antibody
Product Gene Name	anti-Gjc3 antibody
Product Synonym Names	Cx29; Gje1
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total Gjc3 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	30,293 Da
3D Structure	ModBase 3D Structure for Q921C1
Immunogen	Synthetic peptide corresponding to a region derived from internal residues of human gap junction protein, gamma 3
Product Categories/Family for anti-Gjc3 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Gjc3 antibody	Immunohistochemistry (IHC)
Application Notes for anti-Gjc3 antibody	IHC: 1:10-1:50
Related Product Information for anti-Gjc3 antibody	Gap junction gamma-3, also known as connexin-30.2 (Cx30.2) or connexin-31.3 (Cx31.3) or gap junction epsilon-1 (GJE1), is a protein that in humans is encoded by the GJC3 gene. GJC3 is a connexin. This gene encodes a gap junction protein. The encoded protein, also known as a connexin, plays a role in formation of gap junctions, which provide direct connections between neighboring cells. Mutations in this gene have been reported to be associated with nonsyndromic hearing loss
Other Notes	Small volumes of anti-Gjc3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Gjc3 purchase	MBS8590156 is an antibody targeting Gjc3. Also known as Gjc3 Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Gjc3. It may not necessarily be applicable to this product.

NCBI GI #	46575910

NCBI GeneID	118446
NCBI Accession #	NP_536698.2
UniProt Primary Accession #	Q921C1
UniProt Secondary Accession #	Q53ZP5; Q8BHJ3
UniProt Related Accession #	Q921C1
GenBank Nucleotide #	NM_080450.4
NCBI Official Full Name	gap junction gamma-3 protein
NCBI Official Synonym Full Names	gap junction protein, gamma 3
NCBI Official Symbol	Gjc3
NCBI Official Synonym Symbols	Cx29; Gje1
UniProt Protein Name	Gap junction gamma-3 protein
UniProt Synonym Protein Names	Connexin-29; Cx29; Gap junction epsilon-1 protein
Protein Family	Gap junction gamma-3 protein
UniProt Gene Name	Gjc3
UniProt Synonym Gene Names	Cx29; Gje1; Cx29
UniProt Entry Name	CXG3_MOUSE
NCBI Protein Information	gap junction gamma-3 protein; connexin 29; connexin-29; gap junction epsilon-1 protein; gap junction membrane channel protein epsilon 1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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