

Rabbit Connexin 32/GJB1 Polyclonal Antibody | anti-GJB1 antibody

Anti-Connexin 32/GJB1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44963	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

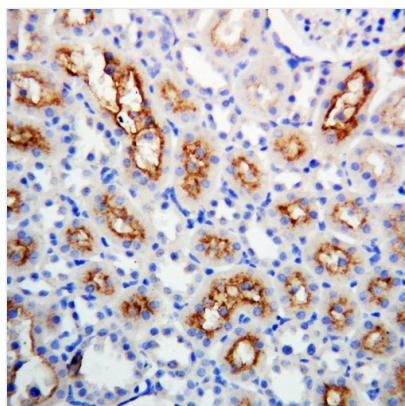
PRODUCT SYNONYMS

Connexin 32/GJB1; Polyclonal Antibody; Anti-Connexin 32/GJB1 antibody; Gap junction beta-1 protein; gap junction protein; beta 1; 32kDa; Charcot Marie Tooth neuropathy X linked antibody; CMTX 1 antibody; CMTX antibody; CMTX1 antibody; Connexin-32 antibody; Connexin32 antibody; CX 32 antibody; CX32 antibody; CXB1_HUMAN antibody; GAP junction 28 kDa liver protein antibody; Gap junction beta 1 protein antibody; Gap junction beta-1 protein antibody; Gap junction protein beta 1 32kD antibody; Gap junction protein beta 1 antibody; GJB 1 antibody; GJB1 antibody; anti-GJB1 antibody

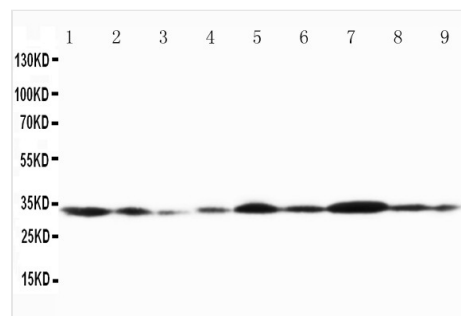
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	283
Applicable Applications for anti-GJB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Connexin 32/GJB1 (215-231aa RACARRAQRSSNPPSRK), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemistry)

Anti-Connexin 32/GJB1 antibody, AAA44963, IHC(P)IHC(P):Rat Kidney Tissue


WB (Western Blot)

Anti-Connexin 32/GJB1 antibody, AAA44963, Western blotting
Lane 1: Rat Cardiac Muscle Tissue Lysate
Lane 2: Rat Cardiac Muscle Tissue Lysate
Lane 3: Rat Skeletal Muscle Tissue Lysate
Lane 4: Rat Brain Tissue Lysate
Lane 5: MCF-7 Cell Lysate
Lane 6: HELA Cell Lysate
Lane 7: SMMC Cell Lysate
Lane 8: JURKAT Cell Lysate
Lane 9: COLO320 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-GJB1 antibody	Description: Rabbit IgG polyclonal antibody for Gap junction beta-1 protein(GJB1) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Connexins are membrane-spanning proteins that assemble to form gap junction channels that facilitate the transfer of ions and small molecules between cells(Bergoffen et al., 1993). For a general discussion of connexin proteins, also known as Gap junction beta-1 protein. Gap junction beta-1 protein is a protein that in humans is encoded by the GJB1 gene. In melanocytic cells GJB1 gene expression may be regulated by MITF.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117688
NCBI GeneID	2705
UniProt Accession #	P08034; Q5U0S4; B2R8R2; D3DVV2
Molecular Weight	32,025 Da
NCBI Official Full Name	Gap junction beta-1 protein
NCBI Official Synonym Full Names	gap junction protein, beta 1, 32kDa
NCBI Official Symbol	GJB1
NCBI Official Synonym Symbols	CMTX; CX32; CMTX1
NCBI Protein Information	gap junction beta-1 protein; connexin 32; connexin-32; GAP junction 28 kDa liver protein
UniProt Protein Name	Gap junction beta-1 protein
UniProt Gene Name	GJB1
UniProt Synonym Gene Names	CX32; Cx32
UniProt Entry Name	CXB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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