

Rabbit GJC1 Polyclonal Antibody | anti-GJC1 antibody

GJC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324747	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

GJC1; Polyclonal Antibody; GJC1 Antibody; Connexin 45; Connexin-45; Connexin45; CX 31.9; CX 45; CX31.9; Cx45; CXG1_HUMAN; DKFZp686P0738; Gap junction alpha 7 protein; Gap junction alpha-7 protein; Gap junction gamma 1 protein; Gap junction gamma-1 protein; Gap junction protein alpha 7 45kDa; Gap junction protein alpha 7; Gap junction protein; gamma 1; 45kDa; GJA 7; GJA7; GJD3; anti-GJC1 antibody

PRODUCT SPECIFICATIONS

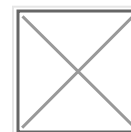
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GJC1 antibody detects endogenous levels of total GJC1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	396
Applicable Applications for anti-GJC1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane. Cell Junction > Gap Junction.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using GJC1 antibody.



IF (Immunofluorescence)

AAA324747 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GJC1 antibody	Function: One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. Subunit Structure: A connexon is composed of a hexamer of connexins. Interacts with CNST (By similarity). Similarity: Belongs to the connexin family. Gamma-type subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122939172
NCBI GeneID	10052
NCBI Accession #	NP_001073852.1
NCBI GenBank Nucleotide #	NM_001080383.1
UniProt Accession #	P36383; Q4VAY0; B3KW68
Molecular Weight	Observed: 45 kD Predicted: 46 kDa
NCBI Official Full Name	gap junction gamma-1 protein
NCBI Official Synonym Full Names	gap junction protein gamma 1
NCBI Official Symbol	GJC1
NCBI Official Synonym Symbols	CX45; GJA7
NCBI Protein Information	gap junction gamma-1 protein
UniProt Protein Name	Gap junction gamma-1 protein
UniProt Gene Name	GJC1
UniProt Synonym Gene Names	GJA7; Cx45

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gjc1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324747>