

Rabbit GJA4 Polyclonal Antibody | anti-GJA4 antibody

GJA4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326739	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

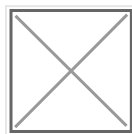
PRODUCT SYNONYMS

GJA4; Polyclonal Antibody; GJA4 Antibody; Connexin 37; Connexin-37; Cx37; CXA4_HUMAN; Gap junction alpha 4 protein; Gap junction alpha-4 protein; gap junction protein; alpha 4 37kDa (connexin 37); alpha 4; 37kD (connexin 37); Gap junction protein; 37kDa; Gja4; OTTHUMP00000004181; OTTHUMP00000004182; anti-GJA4 antibody

PRODUCT SPECIFICATIONS

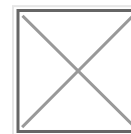
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified by peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	333
Applicable Applications for anti-GJA4 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GJA4 derived from human GJA4, corresponding to a region within the N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA326739 staining Hela 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) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA326739 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of Hela whole cell lysates, using GJA4 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GJA4 antibody	Description: This gene encodes 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. Mutations in this gene have been associated with atherosclerosis and a higher risk of myocardial infarction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62865885
NCBI GeneID	2701
NCBI Accession #	NP_002051.2
NCBI GenBank Nucleotide #	NM_002060.2
UniProt Accession #	P35212; Q9P106; Q9UBL1; Q9UNA9; Q9UNB0; Q9UNB1; Q9Y5N7; A8K698; D3DPR4
Molecular Weight	37 kDa
NCBI Official Full Name	gap junction alpha-4 protein
NCBI Official Synonym Full Names	gap junction protein alpha 4
NCBI Official Symbol	GJA4
NCBI Official Synonym Symbols	CX37
NCBI Protein Information	gap junction alpha-4 protein
UniProt Protein Name	Gap junction alpha-4 protein
UniProt Gene Name	GJA4
UniProt Synonym Gene Names	Cx37

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gja4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326739>