

Goat GJA1 / CX43 / Connexin 43 Polyclonal Antibody | anti-GJA1 antibody

Anti-GJA1 / CX43 / Connexin 43 Antibody (C-Terminus) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52625	Goat	Mouse, Dog, Rat, Human, Monkey	Western Blot, Immunofluorescence, Immunohistochemistry

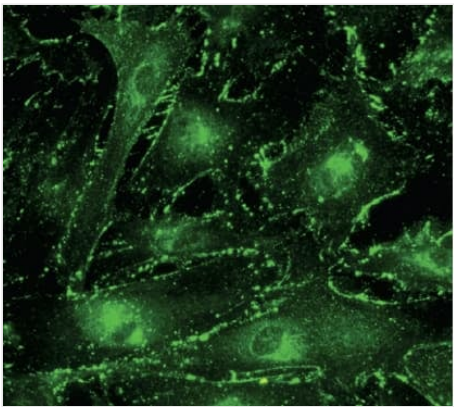
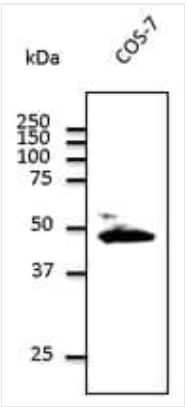
PRODUCT SYNONYMS

GJA1 / CX43 / Connexin 43; Polyclonal Antibody; Anti-GJA1 / CX43 / Connexin 43 Antibody (C-Terminus) IHC-plus; Goat Polyclonal (IgG) to Rat GJA1 / CX43 / Connexin 43; Rat GJA1 / CX43 / Connexin 43; GJA1; Connexin-43; DFNB38; Connexin 43; Gap junction alpha-1 protein; GJAL; HSS; Gap junction protein alpha 1; ODDD; ODD; AVSD3; CX43; HLHS1; ODO; SDTY3; anti-GJA1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse, Dog, Rat, Human, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects endogenous levels of total connexin 43.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 20% glycerol, 0.05% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	382
Applicable Applications for anti-GJA1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	GJA1 / CX43 / Connexin 43 antibody was raised against purified recombinant peptide derived from within residues 230 aa to the C-terminus of rat CX43 produced in E Coli.
Immunogen Description	Purified recombinant peptide derived from within residues 230 aa to the C-terminus of rat CX43 produced in E Coli.
Immunogen Type	Recombinant protein
Antigen Modification	C-Terminus
Target Species	Rat
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze-thaw cycles.

IMAGES

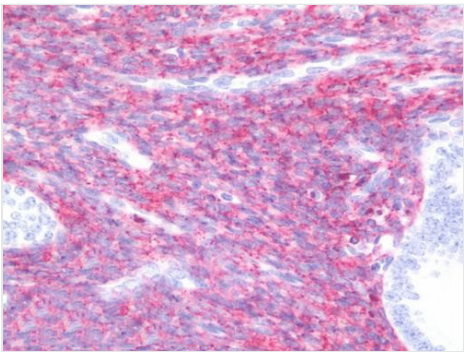


WB (Western Blot)

Western blot. Endogenous CX43 detected with GJA1 / CX43 / Connexin 43 antibody at 1:1000 dilution. Lysate at 100 ug per lane and rabbit polyclonal to goat IgG (HRP) at 1:10000 dilution.

IF (Immunofluorescence)

Immunofluorescence. Immunostaining of primary RPE cells with CX43 antibody at 1:100 dilution.



IHC (Immunohistochemistry)

Anti-GJA1 / CX43 / Connexin 43 antibody IHC staining of human uterus, endometrium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GJA1 antibody	GJA1 Antibody, Connexin-43 Antibody, DFNB38 Antibody, Connexin 43 Antibody, Gap junction alpha-1 protein Antibody, GJAL Antibody, HSS Antibody, Gap junction protein alpha 1 Antibody, ODDD Antibody, ODD Antibody, AVSD3 Antibody, CX43 Antibody, HLHS1 Antibody, ODOD Antibody, SDTY3 Antibody Description: Gap junction protein that acts as a regulator of bladder capacity. A 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. May play a critical role in the physiology of hearing by participating in the recycling of potassium to the cochlear endolymph.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504001
NCBI GeneID	2697
NCBI Accession #	NP_000156.1
NCBI GenBank Nucleotide #	NM_000165.4
UniProt Accession #	P17302; Q6FHU1; Q9Y5I8; B2R5U9
Molecular Weight	43,008 Da
NCBI Official Full Name	gap junction alpha-1 protein
NCBI Official Synonym Full Names	gap junction protein alpha 1

NCBI Official Symbol	GJA1
NCBI Official Synonym Symbols	HSS; CMDR; CX43; EKVP; GJAL; ODDD; AVSD3; HLHS1; PPKCA
NCBI Protein Information	gap junction alpha-1 protein
UniProt Protein Name	Gap junction alpha-1 protein
UniProt Gene Name	GJA1
UniProt Synonym Gene Names	GJAL; Cx43
UniProt Entry Name	CXA1_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gja1-cx43-connexin-43-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/52625>