

Connexin 43 Antibody | anti-CX43 antibody

Connexin 43 Antibody

CATALOG # AAA110657	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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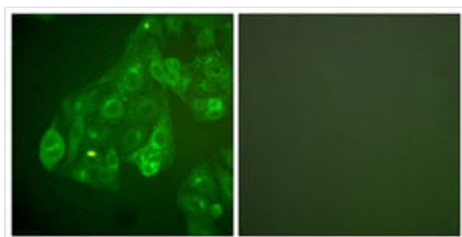
PRODUCT SYNONYMS

Connexin 43; Connexin 43 Antibody; CXA1; CXN-43; GJA1; Gap junction 43 kDa heart protein; Gap junction alpha-1 protein; anti-CX43 antibody

PRODUCT SPECIFICATIONS

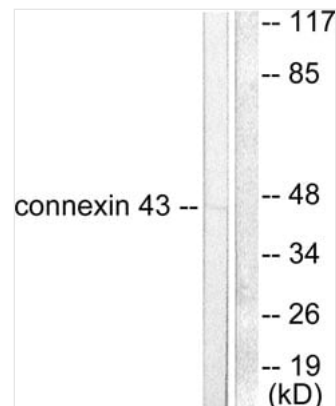
Reactivity	Human, Mouse, Rat
Specificity	Connexin 43 antibody detects endogenous levels of total Connexin 43 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	382
Applicable Applications for anti-CX43 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human Connexin 43.
Preparation and Storage	Store at -20°C for 1 year

IMAGES



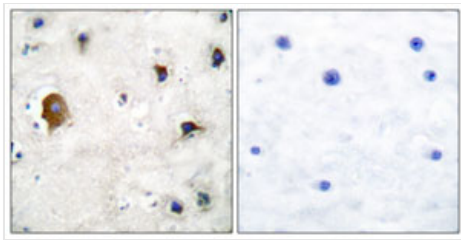
IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of A549 cells, Connexin 43 antibody



WB (Western Blot)

Western blot analysis of extracts from A549 cells, using Connexin 43 antibody.



IHC (Immunohistochemistry)
 Peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Connexin 43 antibody.

ADDITIONAL INFORMATION

References	Toshihiko Toyofuku, J. Biol. Chem., May 1998; 273: 12725. Toshihiko Toyofuku, J. Biol. Chem., Jan 1998; 273: 1519. Masayuki Shimada, Biol Reprod, Apr 2001; 64: 1255. Merry L. Lindsey, Circulation, Jun 2006; 113: 2919-2928.
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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
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; EKVP3; 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

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.