

Goat CX43 Polyclonal Antibody | anti-CX43 antibody

Connexin 43 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13870	Goat	Reacts against human, rat, mouse, canine and monkey proteins	Immunofluorescence, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CX43; Polyclonal Antibody; Connexin 43 Polyclonal Antibody; Anti-CX43; AVSD3; DFNB38; gap junction protein; alpha 1; 43kDa; GJA1; GJAL HSS; HLHS1; ODDD antibody; anti-CX43 antibody

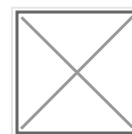
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Reacts against human, rat, mouse, canine and monkey proteins
Clonality	Polyclonal
Specificity	Detects endogenous levels of total connexin 43.
Form/Format	Polyclonal antibody supplied as a 200 uL (4 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Sequence Length	282
Applicable Applications for anti-CX43 antibody	IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Western blot: 1:500-1:2,000 Immunofluorescence: 1:50-1:250 Immunohistochemistry (paraffin): 1:250-1:800 Immunohistochemistry (frozen): 1:250-1:800
Immunogen	Purified recombinant peptide derived from within residues 230 aa to the C-terminus of rat CX43 produced in E. coli.
Handling	The antibody solution should be gently mixed before use.
Preparation and Storage	For continuous use, Store at 2-8°C for one-two days. For extended storage, Store at -20°C. Working dilution samples should be discarded if not used within 12 hours. Avoid freeze/thaw cycles.

IMAGES



Application Data



Reactivity Chart

ADDITIONAL INFORMATION

Related Product Information for anti-CX43 antibody	Gap junction protein, alpha 1, 43kDa Goat polyclonal to connexin 43, which is a member of the connexin family. Cx43 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. This protein is the major protein of gap junctions in embryonic development and in the heart that are thought to have a crucial role in the synchronized contraction of the heart.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29179440
NCBI GeneID	30236
UniProt Accession #	O57474; Q5TYN6; Q7ZTS1
NCBI Official Full Name	Cx43 protein
NCBI Official Synonym Full Names	connexin 43
NCBI Official Symbol	cx43
NCBI Official Synonym Symbols	gja1; cx43a1; zfCx43.3
NCBI Protein Information	gap junction alpha-1 protein; shf; sof; connexin-43; etlD309742.9; short fin protein; gap junction protein, alpha 1
UniProt Protein Name	Gap junction alpha-1 protein
UniProt Gene Name	gja1
UniProt Synonym Gene Names	cx43; shf; sof; Cx43
UniProt Entry Name	CXA1_DANRE

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/cx43-antibody-immunofluorescence-western-blot-immunohistochemistry-elisa/13870>