

Rabbit anti-Human, mouse GJA10 Polyclonal Antibody | anti-GJA9 antibody

GJA10 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284952	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

GJA10; Polyclonal Antibody; GJA10 Antibody (C-term); Gap junction alpha-9 protein; Connexin-58; Cx58; Connexin-59; Cx59; Gap junction alpha-10 protein; GJA9; anti-GJA9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GJA10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 484-515 amino acids from the C-terminal region of human GJA10.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	484-515
Sequence Length	514
Applicable Applications for anti-GJA9 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Western blot analysis of GJA10 Antibody (C-term) in mouse heart tissue lysates (35ug/lane). GJA10 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GJA9 antibody	GJA8 is a an integral membrane protein that belongs to the connexin family, alpha-type (group II) subfamily. 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. A connexon is composed of a hexamer of connexins.
Product Categories/Family for anti-GJA9 antibody	Signal Transduction
References	Hombach S, et al., Eur J Neurosci. 2004 May;19(10):2633-40. Houghton FD, et al., Biol Reprod. 2002 May;66(5):1403-12. Manthey D, et al., J Biol Chem. 1999 May 21;274(21):14716-23.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542845
NCBI GeneID	81025
NCBI Accession #	NP_110399.2
NCBI GenBank Nucleotide #	NM_030772.4
UniProt Accession #	P57773; Q5TA63; Q96KG0; B2R722; B3KVQ2
Molecular Weight	58842
NCBI Official Full Name	gap junction alpha-9 protein
NCBI Official Synonym Full Names	gap junction protein, alpha 9, 59kDa
NCBI Official Symbol	GJA9
NCBI Official Synonym Symbols	CX58; CX59; GJA10
NCBI Protein Information	gap junction alpha-9 protein
UniProt Protein Name	Gap junction alpha-9 protein
UniProt Gene Name	GJA9
UniProt Synonym Gene Names	GJA10; Cx58; Cx59
UniProt Entry Name	CXA9_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/gja10-antibody-immunohistochemistry-western-blot-elisa/284952>