

Rabbit anti-Human Connexin 40 Polyclonal Antibody | anti-GJA5 antibody

Anti-Connexin 40 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262603	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Connexin 40; Polyclonal Antibody; Anti-Connexin 40 Antibody; Gap junction alpha-5 protein; Connexin-40; Cx40; anti-GJA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Connexin 40 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	358
Applicable Applications for anti-GJA5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human Connexin 40
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Connexin 40 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of Connexin 40 expression in HepG2 (A), mouse heart (B), rat heart (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GJA5 antibody	Rabbit polyclonal antibody to Connexin 40
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6631083
NCBI GeneID	2702

NCBI Accession #	NP_005257.2
NCBI GenBank Nucleotide #	NM_005266.6
UniProt Accession #	P36382 ; Q5T3B6 ; Q5U0N6
Molecular Weight	40,380 Da
NCBI Official Full Name	gap junction alpha-5 protein
NCBI Official Synonym Full Names	gap junction protein alpha 5
NCBI Official Symbol	GJA5
NCBI Official Synonym Symbols	CX40; ATFB11
NCBI Protein Information	gap junction alpha-5 protein
UniProt Protein Name	Gap junction alpha-5 protein
UniProt Gene Name	GJA5
UniProt Synonym Gene Names	Cx40
UniProt Entry Name	CXA5_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/connexin-40-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262603>