

Rabbit Connexin 50 Polyclonal Antibody | anti-GJA8 antibody

Connexin 50 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288489	Rabbit	Human, mouse (Predicted Reactivity: Chicken)	Immunohistochemistry, ELISA, Western Blot

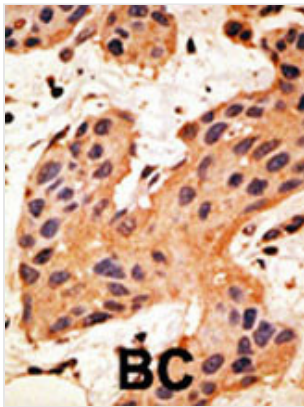
PRODUCT SYNONYMS

Connexin 50; Polyclonal Antibody; Connexin 50 Antibody (C-term); Gap junction alpha-8 protein; Connexin-50; Cx50; Lens fiber protein MP70; GJA8; anti-GJA8 antibody

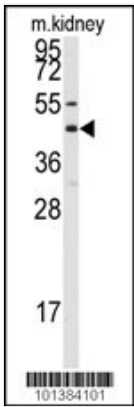
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Connexin 50 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 402-433 amino acids from the C-terminal region of human Connexin 50.
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: 1.2 (varies by lot)
Sequence Positions	402-433
Sequence Length	433
Applicable Applications for anti-GJA8 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 (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB 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 anti-GJA8 Antibody (C-term) in mouse kidney tissue lysates (35ug/lane). GJA8 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GJA8 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. This particular connexin only forms junctional channels. GJA8 is expressed in the eye lens, and defects in GJA8 are the cause of zonular pulverulent cataract type 1 (CZP1), a form of autosomal dominant congenital cataract.
Product Categories/Family for anti-GJA8 antibody	Neuroscience; Signal Transduction
References	Shiels, A., et al., Am. J. Hum. Genet. 62(3):526-532 (1998). Church, R.L., et al., Curr. Eye Res. 14(10):979-981 (1995). Church, R.L., et al., Curr. Eye Res. 14(3):215-221 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	55953076
NCBI GeneID	2703
NCBI Accession #	NP_005258.2
NCBI GenBank Nucleotide #	NM_005267.4
UniProt Accession #	P48165; Q5VVN9; Q9NP25; A7L5M5
Molecular Weight	48229
NCBI Official Full Name	gap junction alpha-8 protein
NCBI Official Synonym Full Names	gap junction protein, alpha 8, 50kDa
NCBI Official Symbol	GJA8
NCBI Official Synonym Symbols	CAE; CAE1; CX50; CZP1; MP70; CTRCT1
NCBI Protein Information	gap junction alpha-8 protein
UniProt Protein Name	Gap junction alpha-8 protein
UniProt Gene Name	GJA8
UniProt Synonym Gene Names	Cx50

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-50-antibody-immunohistochemistry-western-blot-elisa/288489>