

Rabbit anti-Mouse Connexin 37 Polyclonal Antibody | anti-GJA4 antibody

Connexin 37 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283921	Rabbit	Mouse	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Connexin 37; Polyclonal Antibody; Connexin 37 Antibody (C-term); Gap junction alpha-4 protein; Connexin-37; Cx37; GJA4; anti-GJA4 antibody

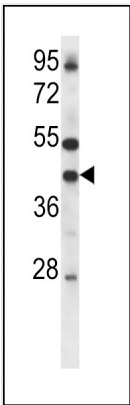
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Connexin 37 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 303-333 amino acids from the C-terminal region of human Connexin 37.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 1.15 (varies by lot)
Sequence Positions	303-333
Sequence Length	333
Applicable Applications for anti-GJA4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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)
Connexin 37 Antibody (GJA4) (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Connexin 37 Antibody (GJA4) (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GJA4 Antibody (K317).Connexin western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the GJA4 antibody detected the GJA4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GJA4 antibody	Gap junctions permit direct cell-to-cell passage of small cytoplasmic molecules, including ions, metabolic intermediates, and second messengers, and thereby mediate intercellular communication. Gap junction channels consist of connexin protein subunits encoded by a multigene family. Erythrokeratoderma variabilis (EKV) is an autosomal dominant disorder of keratinization characterized by migratory erythematous lesions and fixed keratotic plaques. Mutations in the GJB3 gene have been reported in some but not all families, although it has been postulated that the absence of connexin 30.3 can be compensated by other connexins.
Product Categories/Family for anti-GJA4 antibody	Cardiovascular; Signal Transduction
References	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Saito, T., et al., Int. J. Cancer 86(1):67-70 (2000). Boerma, M., et al., J. Intern. Med. 246(2):211-218 (1999). Krutovskikh, V., et al., Carcinogenesis 17(8):1761-1763 (1996). Reed, K.E., et al., J. Clin. Invest. 91(3):997-1004 (1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865885
NCBI GeneID	2701
NCBI Accession #	NP_002051.2
NCBI GenBank Nucleotide #	NM_002060.2
UniProt Accession #	P35212 ; Q9P106 ; Q9UBL1 ; Q9UNA9 ; Q9UNB0 ; Q9UNB1 ; Q9Y5N7 ; A8K698 ; D3DPR4
Molecular Weight	37414
NCBI Official Full Name	gap junction alpha-4 protein
NCBI Official Synonym Full Names	gap junction protein, alpha 4, 37kDa
NCBI Official Symbol	GJA4
NCBI Official Synonym Symbols	CX37
NCBI Protein Information	gap junction alpha-4 protein
UniProt Protein Name	Gap junction alpha-4 protein

UniProt Gene Name	GJA4
UniProt Synonym Gene Names	Cx37
UniProt Entry Name	CXA4_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-37-antibody-western-blot-immunohistochemistry-elisa/283921>