

Rabbit anti-Human GJB5 Polyclonal Antibody | anti-GJB5 antibody

GJB5 Antibody (Center)

CATALOG # AAA288199	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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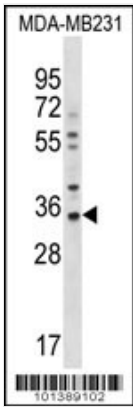
PRODUCT SYNONYMS

GJB5; Polyclonal Antibody; GJB5 Antibody (Center); Gap junction beta-5 protein; Connexin-311; Cx311; anti-GJB5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GJB5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-119 amino acids from the Central region of human GJB5.
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	89-119
Sequence Length	273
Applicable Applications for anti-GJB5 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



WB (Western Blot)
GJB5 Antibody (R104.Connexin) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the GJB5 antibody detected the GJB5 protein (arrow).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with GJB5 Antibody (Center) , 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.

ADDITIONAL INFORMATION

Related Product Information for anti-GJB5 antibody	Gap junctions are conduits that allow the direct cell-to-cell passage of small cytoplasmic molecules, including ions, metabolic intermediates, and second messengers, and thereby mediate intercellular metabolic and electrical communication. Gap junction channels consist of connexin protein subunits, which are encoded by a multigene family. GJBs (gap-junction proteins or connexins) such as GJB5 are thought to play crucial functional roles associated with these channels.
Product Categories/Family for anti-GJB5 antibody	Neuroscience; Signal Transduction
References	Richard, G., et al., Nat. Genet. 20(4):366-369 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835079
NCBI GeneID	2709
NCBI Accession #	NP_005259.1
NCBI GenBank Nucleotide #	NM_005268.3
UniProt Accession #	O95377; Q9UPA3
Molecular Weight	31088
NCBI Official Full Name	gap junction beta-5 protein
NCBI Official Synonym Full Names	gap junction protein, beta 5, 31.1kDa
NCBI Official Symbol	GJB5
NCBI Official Synonym Symbols	CX31.1
NCBI Protein Information	gap junction beta-5 protein
UniProt Protein Name	Gap junction beta-5 protein
UniProt Gene Name	GJB5
UniProt Synonym Gene Names	Cx31.1
UniProt Entry Name	CXB5_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://www.aaabiotech.com/polyclonal/gjb5-antibody-western-blot-immunohistochemistry-elisa/288199>