

Rabbit anti-Human, Mouse GJB6 Polyclonal Antibody | anti-GJB6 antibody

GJB6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303941	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

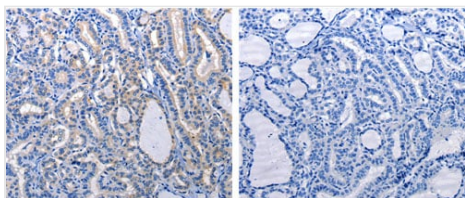
PRODUCT SYNONYMS

GJB6; Polyclonal Antibody; GJB6 Antibody; Gap junction beta-6 protein; ED2; EDH; HED; CX30; DFNA3; DFNA3B; DFNB1B; anti-GJB6 antibody

PRODUCT SPECIFICATIONS

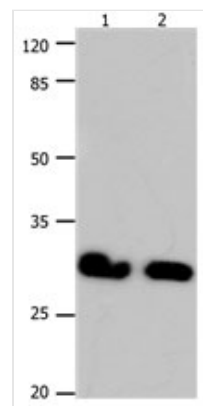
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GJB6 protein.
Form/Format	Supplied at 1.2mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	261
Applicable Applications for anti-GJB6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 230-245 amino acids of Human Gap junction beta-6 protein
Target Name	GJB6
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 31190(GJB6 Antibody) at dilution 1/15, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lane1: 293T cell lysate Lane2: Hela cell lysate Lysates: 24 ug per lane Primary antibody: 1/600 dilution Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/5000 dilution Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-GJB6 antibody	Gap junctions allow the transport of ions and metabolites between the cytoplasm of adjacent cells. They are formed by two hemichannels, made up of six connexin proteins assembled in groups. Each connexin protein has four transmembrane segments, two extracellular loops, a cytoplasmic loop formed between the two inner transmembrane segments, and the N- and C-terminus both being in the cytoplasm. The specificity of the gap junction is determined by which connexin proteins comprise the hemichannel. In the past, connexin protein names were based on their molecular weight, however the new nomenclature uses sequential numbers based on which form (alpha or beta) of the gap junction is present. This gene encodes one of the connexin proteins. Mutations in this gene have been found in some forms of deafness and in some families with hidrotic ectodermal dysplasia.
Product Categories/Family for anti-GJB6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254837
NCBI GeneID	10804
NCBI Accession #	NP_006774
NCBI GenBank Nucleotide #	NM_006783.4
Molecular Weight	30,387 Da
NCBI Official Full Name	gap junction beta-6 protein
NCBI Official Synonym Full Names	gap junction protein, beta 6, 30kDa
NCBI Official Symbol	GJB6
NCBI Official Synonym Symbols	ED2; EDH; HED; CX30; HED2; DFNA3; ECTD2; DFNA3B; DFNB1B
NCBI Protein Information	gap junction beta-6 protein
UniProt Protein Name	Gap junction beta-6 protein
UniProt Gene Name	GJB6
UniProt Synonym Gene Names	Cx30
UniProt Entry Name	CXB6_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/gjb6-antibody-immunohistochemistry-western-blot-elisa/303941>