

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

GJB6 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288873	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

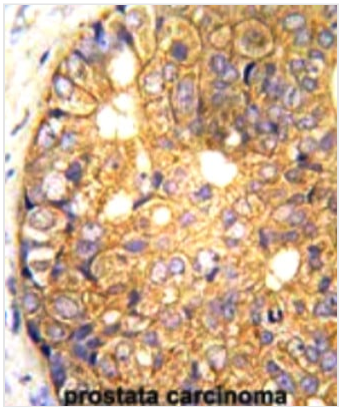
PRODUCT SYNONYMS

GJB6; Polyclonal Antibody; GJB6 Antibody (N-term); Gap junction beta-6 protein; Connexin-30; Cx30; anti-GJB6 antibody

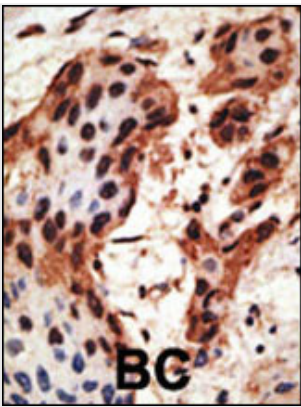
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This GJB6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 87-117 amino acids from the N-terminal region of human GJB6.
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.
Sequence Positions	87-117
Sequence Length	261
Applicable Applications for anti-GJB6 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	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.
Cellular Location	Cell membrane; Multi-pass membrane protein. Cell junction, gap junction
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

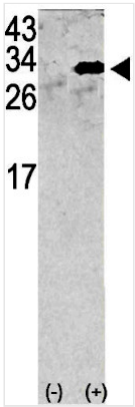
IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with GJB6 Antibody (N-term) , 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.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC 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 GJB6 (arrow) using rabbit polyclonal GJB6 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the GJB6gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Product Categories/Family for anti-GJB6 antibody	Neuroscience; Signal Transduction
References	Beltramello, M., et al., Biochem. Biophys. Res. Commun. 305(4):1024-1033 (2003). Common, J.E., et al., Biochem. Biophys. Res. Commun. 298(5):651-656 (2002). Smith, F.J., et al., J. Invest. Dermatol. 118(3):530-532 (2002). del Castillo, I., et al., N. Engl. J. Med. 346(4):243-249 (2002). Pallares-Ruiz, N., et al., Eur. J. Hum. Genet. 10(1):72-76 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	159032020
NCBI GeneID	10804
NCBI Accession #	NP_001103689.1 ; NP_001103690.1 ; NP_001103691.1 ; NP_006774.2
NCBI GenBank Nucleotide #	NM_001110219.2
UniProt Accession #	O95452 ; Q5Q1H9 ; Q5Q1I0 ; Q5Q1I1 ; Q5T5U0 ; Q8IUP0 ; B3KQN2
Molecular Weight	30387 (Calculated)

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/288873>