

Anti-GJB6 antibody

Cat. No.	ml160289
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GJB6 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human GJB6
Reactivity	Human, Mouse
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GJB6
Full name	Gap junction beta-6 protein
Synonyms	ED2, EDH, HED, CX30, DFNA3, DFNA3B, DFNB1B
Swissprot	O95452

Target Background

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.

订购热线: 4008-898-798

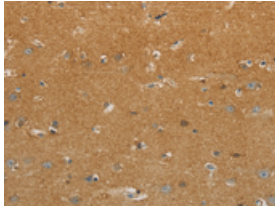
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 25-100

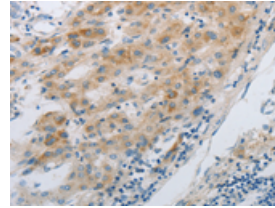


The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml160289(GJB6 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml160289(GJB6 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 30 kDa

Positive control: 293T and Hela cells

Recommended dilution: 500-2000

Gel: 10% SDS-PAGE

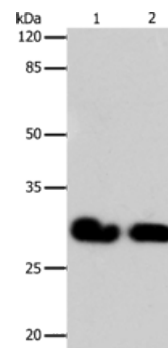
Lysate: 24 μ g

Lane 1-2: 293T cells, Hela cells

Primary antibody: ml160289(GJB6 Antibody) at dilution 1/600

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



ELISA

Recommended dilution: 1000-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio_cn@yeah.net

网址: www.mlbio.cn