

A1028

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GJB6 Rabbit pAb

Catalog No.: A1028

Basic Information

Observed MW

Refer to Figures

Calculated MW

30kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

10804

Swiss Prot

O95452

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human GJB6 (NP_006774.2).

Synonyms

ED2; EDH; HED; CX30; HED2; DFNA3; ECTD2; DFNA3B; DFNB1B; GJB6

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.