

# GJB6 Rabbit Polyclonal Antibody



CAB1028

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

Refer to Figures

### Calculated MW:

30kDa

### Applications:

WB

### Reactivity:

Human

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

10804

### Uniprot

O95452

### Synonyms:

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

### Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human GJB6 (NP\_006774.2).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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