

For Research Use Only

# GJB6 Polyclonal ANTIBODY

Catalog Number: 24215-1-AP



## Basic Information

**Catalog Number:**

24215-1-AP

**Size:**

150UL, Concentration: 333 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG21529

**GenBank Accession Number:**

BC038934

**GeneID (NCBI):**

10804

**Full Name:**

gap junction protein, beta 6, 30kDa

**Calculated MW:**

261 aa, 30 kDa

**Purification Method:**

Antigen Affinity purified

**Recommended Dilutions:**

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, ELISA

**Species Specificity:**

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

IHC : human oesophagus tissue, human skin cancer tissue

## Background Information

Gap junctions form conduits between adjacent cells that are composed of connexin protein subunits and provide direct intercellular communication pathways allowing rapid exchange of ions and metabolites (PMID: 12126230; 15094343). Connexins are four-pass transmembrane proteins with amino- and carboxy-terminal regions facing the cytoplasm. A connexon is composed of a hexamer of connexins. GJB6 (gap junction beta-6 protein, also known as connexin-30) is a member of the connexin family of proteins. GJB6 is a component of the gap junction networks of the cochlea.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

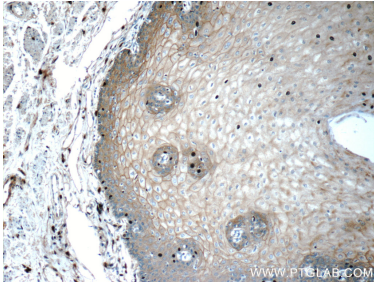
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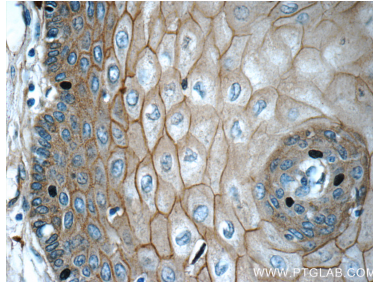
E: proteintech@ptglab.com  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human oesophagus tissue slide using 24215-1-AP (GJB6 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human oesophagus tissue slide using 24215-1-AP (GJB6 Antibody) at dilution of 1:50 (under 40x lens).