

For Research Use Only

GJB6 Polyclonal antibody

Catalog Number: 24215-1-AP



Basic Information

Catalog Number: 24215-1-AP	GenBank Accession Number: BC038934	Purification Method: Antigen Affinity purified
Size: 450 µg/ml	GeneID (NCBI): 10804	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: O95452	
Isotype: IgG	Full Name: gap junction protein, beta 6, 30kDa	
Immunogen Catalog Number: AG21529	Calculated MW: 261 aa, 30 kDa	

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
human

Positive Controls:

IHC: human oesophagus tissue, human skin cancer tissue

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

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

For technical support and original validation data for this product please contact:

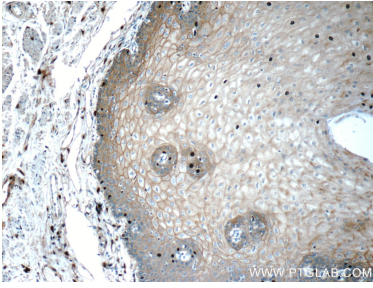
T: 4006900926

E: Proteintech-CN@ptglab.com

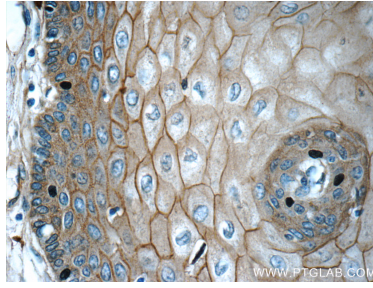
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Selected Validation Data



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).