For Research Use Only

GJB6 Polyclonal antibody

Catalog Number:24215-1-AP

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
24215-1-AP

Size:
150ul , Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG21529

GenBank Accession Number:
BC038934

GeneID (NCBI):
10804

UNIPROT ID:
O95452

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.

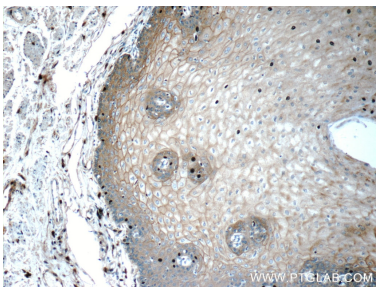
Storage

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

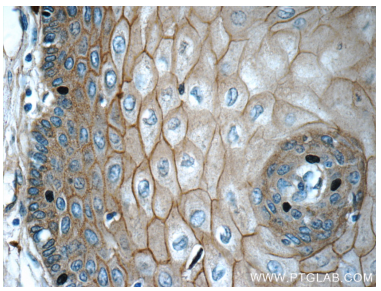
***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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).